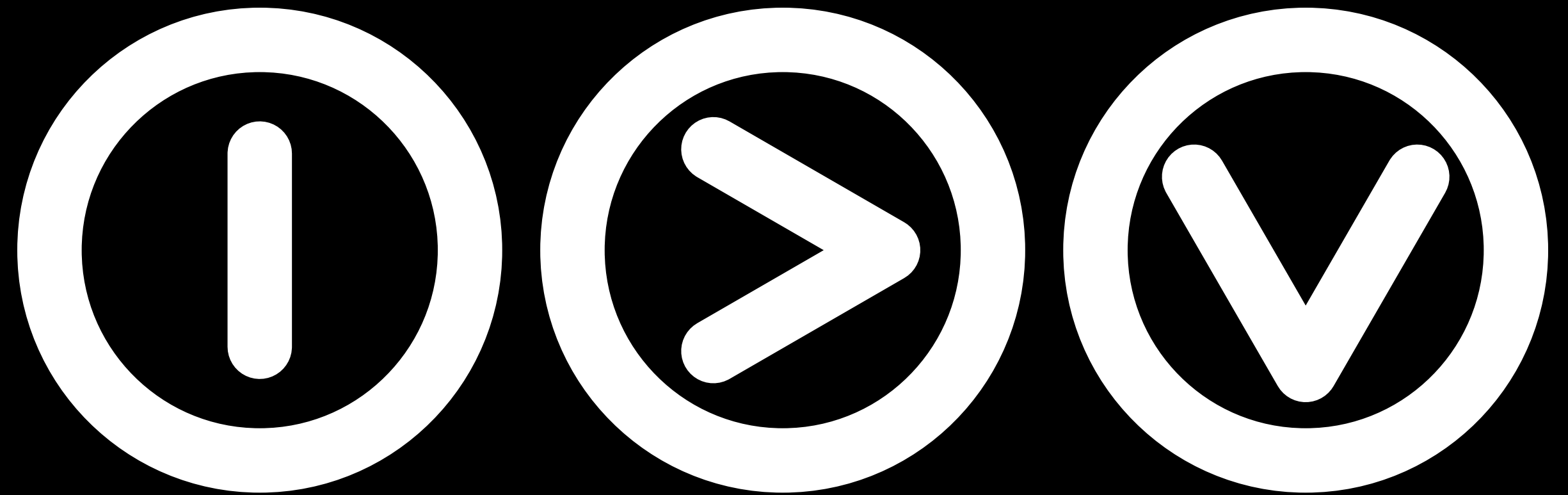


# IDV460

INTERACTIVE DATA VIZ SPRING 16

## Quiz No. 1

Today, we will work on our first graded assignment – a quiz that will take the form of your going through several tasks that will mirror the work we have done so far in our “static” unit.



## Quiz No. 1

Today, we will work on our first graded assignment – a quiz that will take the form of your going through several tasks that will mirror the work we have done so far in our “static” unit.

1. Create a new page on your site.
2. Link to this page from class.html.
3. Calculate values in Excel.
4. Create an informational graphic in Illustrator.
5. Save in SVG format.
6. Add SVG to your new page.
7. Add text in HTML.
8. Upload your new pages.

# Quiz No. 1

1. Create a new page on your site.

```
quiz1.html — Disk Browser 4 (inclass website — ~/Desktop/IDV/inclass website)
inclass website
├── class.html
├── cong.html
├── css
├── deluna.html
├── images
├── index.html
├── js
├── pdf
├── quiz1.html
├── resources
└── svg
File Path: ~/Desktop/IDV/inclass website/inclass website/quiz1.html
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>IDV460 | Steve Layton </title>
5     <meta charset="utf-8">
6     <link
7 href='https://fonts.googleapis.com/css?family=Roboto:400,900,700,700italic,400italic'
8 rel='stylesheet' type='text/css'>
9     <link rel="stylesheet" href="css/style.css">
10    <link rel="stylesheet" href="css/inclass.css">
11 </head>
12 <body>
13 <header>
14     <h1>IDV460</h1>
15     <p>Interactive Data Viz Spring 16</p>
16     <h2>Steve Layton</h2>
17 </header>
18 <div id="page-wrap">
19 <nav>
20 <ul>
21 <li><a href="index.html">Home</a></li>
22 <li><a href="class.html" class="active">Class</a></li>
23 <li><a href="projects.html">Projects</a></li>
24 </ul>
25 </nav>
26 <main>
27
28
29     <h2>In-class exercises</h2>
30     <p>This page includes all the in-class creative exercises we have worked on this
31 semester</p>
32     <section class="inclass" id="cong">
33     <h3>The balance of power in the House of Representatives</h3>
34     
36     <p>The balance of power in Congress tends to shift away from the president's party
37 over time. This exercise involved creating a graphic in Illustrator, then uploading it to
38 my site as an image file. The balance of power in Congress tends to shift away from the
39 president's party over time. This exercise involved creating a graphic in Illustrator,
40 then uploading it to my site as an image file.</p>
41 </section>
```

# Quiz No. 1

1. Create a new page on your site.

Remove all the code within the "main" tag. This will create an empty page.

```
quiz1.html — Disk Browser 4 (inclass website — ~/Desktop/IDV/inclass website)
inclass website
├── class.html
├── cong.html
├── css
├── deluna.html
├── images
├── index.html
├── js
├── pdf
├── quiz1.html
├── resources
└── svg
File Path: ~/Desktop/IDV/inclass website/inclass website/quiz1.html
<!DOCTYPE html>
<html>
<head>
  <title>IDV460 | Steve Layton </title>
  <meta charset="utf-8">
  <link
href='https://fonts.googleapis.com/css?family=Roboto:400,900,700,700italic,400italic'
rel='stylesheet' type='text/css'>
  <link rel="stylesheet" href="css/style.css">
  <link rel="stylesheet" href="css/inclass.css">
</head>
<body>
  <header>
    <h1>IDV<span>460</span></h1>
    <p>Interactive Data Viz Spring 16</p>
    <h2>Steve Layton</h2>
  </header>
  <div id="page-wrap">
    <nav>
      <ul>
        <li><a href="index.html">Home</a></li>
        <li><a href="class.html" class="active">Class</a></li>
        <li><a href="projects.html">Projects</a></li>
      </ul>
    </nav>
    <main>
      <h2>In-class exercises</h2>
      <p>This page includes all the in-class creative exercises we have worked on this semester</p>
      <section class="inclass" id="cong">
        <h3>The balance of power in the House of Representatives</h3>
        
        <p>The balance of power in Congress tends to shift away from the president's party over time. This exercise involved creating a graphic in Illustrator, then uploading it to my site as an image file. The balance of power in Congress tends to shift away from the president's party over time. This exercise involved creating a graphic in Illustrator, then uploading it to my site as an image file.</p>
      </section>
  </div>
</body>
</html>
```

# Quiz No. 1

2. Link to this page from class.html.

```
class.html — Disk Browser 4 (inclass website — ~/Desktop/IDV/inclass website)
inclass website
├── class.html
├── cong.html
├── css
├── deluna.html
├── images
├── index.html
├── js
├── pdf
├── quiz1.html
├── resources
└── svg

File Path: ~/Desktop/IDV/inclass website/inclass website/class.html
(no symbol selected)

18 <nav>
19 <ul>
20 <li><a href="index.html">Home</a></li>
21 <li><a href="class.html" class="active">Class</a></li>
22 <li><a href="projects.html">Projects</a></li>
23 </ul>
24 </nav>
25
26 <main>
27
28
29 <h2>In-class exercises</h2>
30 <p>This page includes all the in-class creative exercises we have worked on this
... semester</p>
31 <section class="inclass" id="cong">
32 <h3>The balance of power in the House of Representatives</h3>
33 
34 <p>The balance of power in Congress tends to shift away from the president's party
... over time. This exercise involved creating a graphic in Illustrator, then uploading it to
... my site as an image file. The balance of power in Congress tends to shift away from the
... president's party over time. This exercise involved creating a graphic in Illustrator,
... then uploading it to my site as an image file.</p>
35 </section>
36
37 <section class="inclass" id="deluna">
38 
39 <h3><a href="deluna.html">Was the wrong man executed for another man's
... crime?</a></h3>
40 <p>Carlos DeLuna was executed in 1989 for the 1983 murder of gas station attendant
... Wanda Lopez. An investigation into the case reveals that DeLuna may have been innocent of
... the crime.</p>
41 </section>
42
43
44 </main>
45 </div> <!-- closes page-wrap -->
46
47 <footer>
48 <p class="logo">IDV<span>460</span></p>
49 <p><a href="mailto:stlayton@indiana.edu">stlayton@indiana.edu</a></p>
50 </footer>
```

# Quiz No. 1

2. Link to this page from class.html.

Add a new section of your class.html page by copying and pasting the DeLuna section.

```
class.html — Disk Browser 4 (inclass website — ~/Desktop/IDV/inclass website)
File Path: ~/Desktop/IDV/inclass website/inclass website/class.html
(no symbol selected)

18 <nav>
19 <ul>
20 <li><a href="index.html">Home</a></li>
21 <li><a href="class.html" class="active">Class</a></li>
22 <li><a href="projects.html">Projects</a></li>
23 </ul>
24 </nav>
25
26 <main>
27
28
29 <h2>In-class exercises</h2>
30 <p>This page includes all the in-class creative exercises we have worked on this
... semester</p>
31 <section class="inclass" id="cong">
32 <h3>The balance of power in the House of Representatives</h3>
33 
34 <p>The balance of power in Congress tends to shift away from the president's party
... over time. This exercise involved creating a graphic in Illustrator, then uploading it to
... my site as an image file. The balance of power in Congress tends to shift away from the
... president's party over time. This exercise involved creating a graphic in Illustrator,
... then uploading it to my site as an image file.</p>
35 </section>
36
37 <section class="inclass" id="deluna">
38 
39 <h3><a href="deluna.html">Was the wrong man executed for another man's
... crime?</a></h3>
40 <p>Carlos DeLuna was executed in 1989 for the 1983 murder of gas station attendant
... Wanda Lopez. An investigation into the case reveals that DeLuna may have been innocent of
... the crime.</p>
41 </section>
42
43
44 </main>
45 </div> <!-- closes page-wrap -->
46
47 <footer>
48 <p class="logo">IDV<span>460</span></p>
49 <p><a href="mailto:stlayton@indiana.edu">stlayton@indiana.edu</a></p>
50 </footer>
```

Line 37 Col 1 | HTML | Unicode (UTF-8) | Unix (LF) | Last saved: 1/27/16, 11:30:14 AM | 430 / 68 / 4

# Quiz No. 1

## 3. Calculate values in Excel.

execution\_database.csv

Search in Sheet

Home Layout Tables Charts SmartArt Formulas Data Review

Edit Font Alignment Number Format Cells Themes

Calibri (Body) 12 abc Wrap Text General Conditional Formatting Styles Actions Themes

O17 fx

	A	B	C	D	E	F	G	H	I
1	Date	Name	Age	Sex	Race	Number / Race / Sex of Victims	State	Region	Method
2	1/10/86	James Roach	25	m	White	1 White Male(s)1 White Female(s)	SC	S	Electrocution
3	1/11/85	Joseph Shaw	29	m	White	1 White Male(s)1 White Female(s)	SC	S	Electrocution
4	1/8/97	Paul Ruiz	49	m	Latino	2 White Male(s)	AR	S	Lethal Injection
5	1/8/97	Earl Van Denton	47	m	White	2 White Male(s)	AR	S	Lethal Injection
6	1/6/94	Keith Wells	31	m	White	1 White Male(s)1 White Female(s)	ID	W	Lethal Injection
7	1/10/00	Douglas Thomas	26	m	White	2 White Male(s)	VA	S	Lethal Injection
8	1/12/00	Earl Heiselbertz	48	m	White	2 White Female(s)	TX	S	Lethal Injection
9	1/5/93	Westley Dodd	31	m	White	3 White Male(s)	WA	W	Hanging
10	1/3/85	David Martin	32	m	White	2 White Male(s)2 White Female(s)	LA	S	Electrocution
11	1/9/02	James Johnson	52	m	White	2 White Male(s)2 White Female(s)	MO	M	Lethal Injection
12	1/7/99	Ronnie Howard	40	m	Black	1 Asian Male(s)	SC	S	Lethal Injection
13	1/9/01	Eddie Trice	48	m	Black	1 Black Male(s)	OK	S	Lethal Injection
14	1/11/01	Wanda Allen	41	f	Black	1 Black Male(s)	OK	S	Lethal Injection
15	1/9/01	Jack Clark	37	m	White	1 Latino Female(s)	TX	S	Lethal Injection
16	1/9/85	Roosevelt Green	28	m	Black	1 White Female(s)	GA	S	Electrocution
17	1/7/88	Robert Streetman	27	m	White	1 White Female(s)	TX	S	Lethal Injection
18	1/6/89	George Mercer	44	m	White	1 White Female(s)	MO	M	Lethal Injection
19	1/4/95	Jesse Jacobs	44	m	White	1 White Female(s)	TX	S	Lethal Injection
20	1/4/96	Walter Correll	34	m	White	1 White Male(s)	VA	S	Lethal Injection
21	1/8/97	Kirt Wainwright	30	m	Black	1 White Female(s)	AR	S	Lethal Injection
22	1/10/97	Billy Waldrop	44	m	White	1 White Male(s)	AL	S	Electrocution
23	1/5/99	John Moody	46	m	White	1 White Female(s)	TX	S	Lethal Injection
24	1/7/99	John Castro	37	m	Native American	1 White Female(s)	OK	S	Lethal Injection
25	1/8/99	Dobie Williams	38	m	Black	1 White Female(s)	LA	S	Lethal Injection
26	1/6/00	Malcolm Johnson	41	m	Black	1 White Female(s)	OK	S	Lethal Injection
27	1/7/00	David Duren	37	m	White	1 White Female(s)	AL	S	Electrocution
28	1/11/01	Robert Glock	39	m	White	1 White Female(s)	FL	S	Lethal Injection
29	1/9/02	Michael Moore	38	m	White	1 White Female(s)	TX	S	Lethal Injection
30	2/9/99	Jaturun Siripongs	43	m	Asian	1 Asian Male(s)1 Asian Female(s)	CA	W	Lethal Injection
31	2/9/98	Steven Renfro	40	m	White	1 White Male(s)2 White Female(s)	TX	S	Lethal Injection
32	2/4/99	Sean Sellers	29	m	White	2 White Male(s)1 White Female(s)	OK	S	Lethal Injection
33	2/2/94	Harold Barnard	51	m	White	1 Asian Male(s)	TX	S	Lethal Injection
34	2/10/00	Michael Roberts	41	m	Black	1 Black Female(s)	OK	S	Lethal Injection
35	2/6/02	Michael Owsley	40	m	Black	1 Black Male(s)	MO	M	Lethal Injection
36	2/7/95	Jeffrey Motley	29	m	White	1 Latino Female(s)	TX	S	Lethal Injection
37	2/10/99	George Cordova	39	m	Latino	1 Latino Male(s)	TX	S	Lethal Injection
38	2/8/01	Adolph Hernandez	50	m	Latino	1 Latino Female(s)	TX	S	Lethal Injection
39	2/4/03	John Elliott	42	m	Latino	1 Latino Female(s)	TX	S	Lethal Injection

execution\_database.csv

Normal View Ready Sum=0



# Quiz No. 1

3. Calculate values in Excel.

We will use the same database we used for our DeLuna graphics – the execution database from DPIC.

	A	B	C	D	E	F	G	H	I
1	Date	Name	Age	Sex	Race	Number / Race / Sex of Victims	State	Region	Method
2	1/10/86	James Roach	25	m	White	1 White Male(s)1 White Female(s)	SC	S	Electrocution
3	1/11/85	Joseph Shaw	29	m	White	1 White Male(s)1 White Female(s)	SC	S	Electrocution
4	1/8/97	Paul Ruiz	49	m	Latino	2 White Male(s)	AR	S	Lethal Injection
5	1/8/97	Earl Van Denton	47	m	White	2 White Male(s)	AR	S	Lethal Injection
6	1/6/94	Keith Wells	31	m	White	1 White Male(s)1 White Female(s)	ID	W	Lethal Injection
7	1/10/00	Douglas Thomas	26	m	White	2 White Male(s)	VA	S	Lethal Injection
8	1/12/00	Earl Heiselbertz	48	m	White	2 White Female(s)	TX	S	Lethal Injection
9	1/5/93	Westley Dodd	31	m	White	3 White Male(s)	WA	W	Hanging
10	1/3/85	David Martin	32	m	White	2 White Male(s)2 White Female(s)	LA	S	Electrocution
11	1/9/02	James Johnson	52	m	White	2 White Male(s)2 White Female(s)	MO	M	Lethal Injection
12	1/7/99	Ronnie Howard	40	m	Black	1 Asian Male(s)	SC	S	Lethal Injection
13	1/9/01	Eddie Trice	48	m	Black	1 Black Male(s)	OK	S	Lethal Injection
14	1/11/01	Wanda Allen	41	f	Black	1 Black Male(s)	OK	S	Lethal Injection
15	1/9/01	Jack Clark	37	m	White	1 Latino Female(s)	TX	S	Lethal Injection
16	1/9/85	Roosevelt Green	28	m	Black	1 White Female(s)	GA	S	Electrocution
17	1/7/88	Robert Streetman	27	m	White	1 White Female(s)	TX	S	Lethal Injection
18	1/6/89	George Mercer	44	m	White	1 White Female(s)	MO	M	Lethal Injection
19	1/4/95	Jesse Jacobs	44	m	White	1 White Female(s)	TX	S	Lethal Injection
20	1/4/96	Walter Correll	34	m	White	1 White Male(s)	VA	S	Lethal Injection
21	1/8/97	Kirt Wainwright	30	m	Black	1 White Female(s)	AR	S	Lethal Injection
22	1/10/97	Billy Waldrop	44	m	White	1 White Male(s)	AL	S	Electrocution
23	1/5/99	John Moody	46	m	White	1 White Female(s)	TX	S	Lethal Injection
24	1/7/99	John Castro	37	m	Native American	1 White Female(s)	OK	S	Lethal Injection
25	1/8/99	Dobie Williams	38	m	Black	1 White Female(s)	LA	S	Lethal Injection
26	1/6/00	Malcolm Johnson	41	m	Black	1 White Female(s)	OK	S	Lethal Injection
27	1/7/00	David Duren	37	m	White	1 White Female(s)	AL	S	Electrocution
28	1/11/01	Robert Glock	39	m	White	1 White Female(s)	FL	S	Lethal Injection
29	1/9/02	Michael Moore	38	m	White	1 White Female(s)	TX	S	Lethal Injection
30	2/9/99	Jaturun Siripongs	43	m	Asian	1 Asian Male(s)1 Asian Female(s)	CA	W	Lethal Injection
31	2/9/98	Steven Renfro	40	m	White	1 White Male(s)2 White Female(s)	TX	S	Lethal Injection
32	2/4/99	Sean Sellers	29	m	White	2 White Male(s)1 White Female(s)	OK	S	Lethal Injection
33	2/2/94	Harold Barnard	51	m	White	1 Asian Male(s)	TX	S	Lethal Injection
34	2/10/00	Michael Roberts	41	m	Black	1 Black Female(s)	OK	S	Lethal Injection
35	2/6/02	Michael Owsley	40	m	Black	1 Black Male(s)	MO	M	Lethal Injection
36	2/7/95	Jeffrey Motley	29	m	White	1 Latino Female(s)	TX	S	Lethal Injection
37	2/10/99	George Cordova	39	m	Latino	1 Latino Male(s)	TX	S	Lethal Injection
38	2/8/01	Adolph Hernandez	50	m	Latino	1 Latino Female(s)	TX	S	Lethal Injection
39	2/4/03	John Elliott	42	m	Latino	1 Latino Female(s)	TX	S	Lethal Injection

# Quiz No. 1

3. Today, you will use this data to create a *new* visualization – information we have not used before in creating DeLuna graphics.

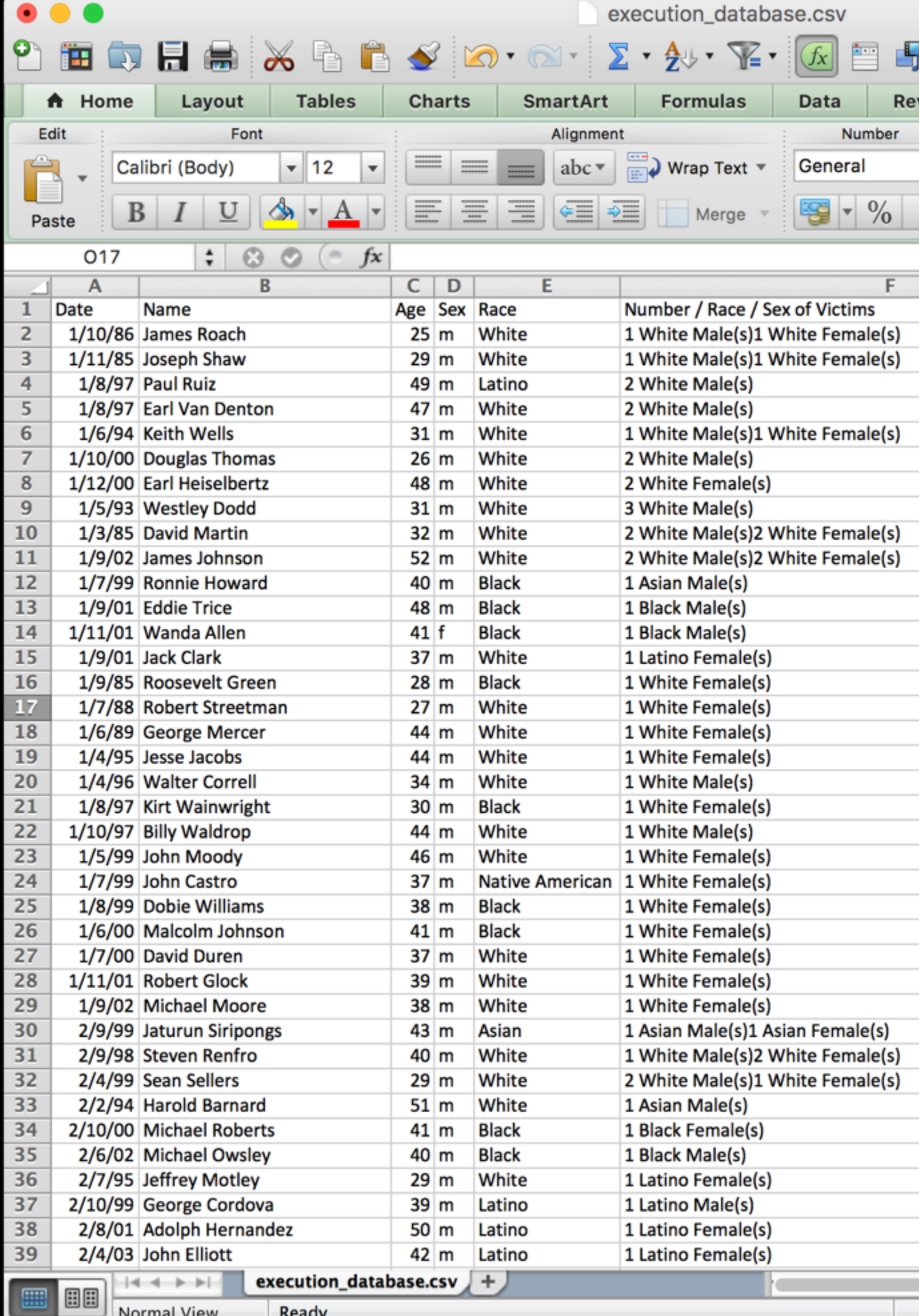
	A	B	C	D	E	F
1	Date	Name	Age	Sex	Race	Number / Race / Sex of Victims
2	1/10/86	James Roach	25	m	White	1 White Male(s)1 White Female(s)
3	1/11/85	Joseph Shaw	29	m	White	1 White Male(s)1 White Female(s)
4	1/8/97	Paul Ruiz	49	m	Latino	2 White Male(s)
5	1/8/97	Earl Van Denton	47	m	White	2 White Male(s)
6	1/6/94	Keith Wells	31	m	White	1 White Male(s)1 White Female(s)
7	1/10/00	Douglas Thomas	26	m	White	2 White Male(s)
8	1/12/00	Earl Heiselbertz	48	m	White	2 White Female(s)
9	1/5/93	Westley Dodd	31	m	White	3 White Male(s)
10	1/3/85	David Martin	32	m	White	2 White Male(s)2 White Female(s)
11	1/9/02	James Johnson	52	m	White	2 White Male(s)2 White Female(s)
12	1/7/99	Ronnie Howard	40	m	Black	1 Asian Male(s)
13	1/9/01	Eddie Trice	48	m	Black	1 Black Male(s)
14	1/11/01	Wanda Allen	41	f	Black	1 Black Male(s)
15	1/9/01	Jack Clark	37	m	White	1 Latino Female(s)
16	1/9/85	Roosevelt Green	28	m	Black	1 White Female(s)
17	1/7/88	Robert Streetman	27	m	White	1 White Female(s)
18	1/6/89	George Mercer	44	m	White	1 White Female(s)
19	1/4/95	Jesse Jacobs	44	m	White	1 White Female(s)
20	1/4/96	Walter Correll	34	m	White	1 White Male(s)
21	1/8/97	Kirt Wainwright	30	m	Black	1 White Female(s)
22	1/10/97	Billy Waldrop	44	m	White	1 White Male(s)
23	1/5/99	John Moody	46	m	White	1 White Female(s)
24	1/7/99	John Castro	37	m	Native American	1 White Female(s)
25	1/8/99	Dobie Williams	38	m	Black	1 White Female(s)
26	1/6/00	Malcolm Johnson	41	m	Black	1 White Female(s)
27	1/7/00	David Duren	37	m	White	1 White Female(s)
28	1/11/01	Robert Glock	39	m	White	1 White Female(s)
29	1/9/02	Michael Moore	38	m	White	1 White Female(s)
30	2/9/99	Jaturun Siripongs	43	m	Asian	1 Asian Male(s)1 Asian Female(s)
31	2/9/98	Steven Renfro	40	m	White	1 White Male(s)2 White Female(s)
32	2/4/99	Sean Sellers	29	m	White	2 White Male(s)1 White Female(s)
33	2/2/94	Harold Barnard	51	m	White	1 Asian Male(s)
34	2/10/00	Michael Roberts	41	m	Black	1 Black Female(s)
35	2/6/02	Michael Owsley	40	m	Black	1 Black Male(s)
36	2/7/95	Jeffrey Motley	29	m	White	1 Latino Female(s)
37	2/10/99	George Cordova	39	m	Latino	1 Latino Male(s)
38	2/8/01	Adolph Hernandez	50	m	Latino	1 Latino Female(s)
39	2/4/03	John Elliott	42	m	Latino	1 Latino Female(s)

# Quiz No. 1

3. Today, you will use this data to create a *new* visualization – information we have not used before in creating DeLuna graphics.

**You have a choice as to what you want to create based on this data.**

Here are a few possibilities:



The screenshot shows a Microsoft Excel spreadsheet with the following data:

	A	B	C	D	E	F
1	Date	Name	Age	Sex	Race	Number / Race / Sex of Victims
2	1/10/86	James Roach	25	m	White	1 White Male(s)1 White Female(s)
3	1/11/85	Joseph Shaw	29	m	White	1 White Male(s)1 White Female(s)
4	1/8/97	Paul Ruiz	49	m	Latino	2 White Male(s)
5	1/8/97	Earl Van Denton	47	m	White	2 White Male(s)
6	1/6/94	Keith Wells	31	m	White	1 White Male(s)1 White Female(s)
7	1/10/00	Douglas Thomas	26	m	White	2 White Male(s)
8	1/12/00	Earl Heiselbertz	48	m	White	2 White Female(s)
9	1/5/93	Westley Dodd	31	m	White	3 White Male(s)
10	1/3/85	David Martin	32	m	White	2 White Male(s)2 White Female(s)
11	1/9/02	James Johnson	52	m	White	2 White Male(s)2 White Female(s)
12	1/7/99	Ronnie Howard	40	m	Black	1 Asian Male(s)
13	1/9/01	Eddie Trice	48	m	Black	1 Black Male(s)
14	1/11/01	Wanda Allen	41	f	Black	1 Black Male(s)
15	1/9/01	Jack Clark	37	m	White	1 Latino Female(s)
16	1/9/85	Roosevelt Green	28	m	Black	1 White Female(s)
17	1/7/88	Robert Streetman	27	m	White	1 White Female(s)
18	1/6/89	George Mercer	44	m	White	1 White Female(s)
19	1/4/95	Jesse Jacobs	44	m	White	1 White Female(s)
20	1/4/96	Walter Correll	34	m	White	1 White Male(s)
21	1/8/97	Kirt Wainwright	30	m	Black	1 White Female(s)
22	1/10/97	Billy Waldrop	44	m	White	1 White Male(s)
23	1/5/99	John Moody	46	m	White	1 White Female(s)
24	1/7/99	John Castro	37	m	Native American	1 White Female(s)
25	1/8/99	Dobie Williams	38	m	Black	1 White Female(s)
26	1/6/00	Malcolm Johnson	41	m	Black	1 White Female(s)
27	1/7/00	David Duren	37	m	White	1 White Female(s)
28	1/11/01	Robert Glock	39	m	White	1 White Female(s)
29	1/9/02	Michael Moore	38	m	White	1 White Female(s)
30	2/9/99	Jaturun Siripongs	43	m	Asian	1 Asian Male(s)1 Asian Female(s)
31	2/9/98	Steven Renfro	40	m	White	1 White Male(s)2 White Female(s)
32	2/4/99	Sean Sellers	29	m	White	2 White Male(s)1 White Female(s)
33	2/2/94	Harold Barnard	51	m	White	1 Asian Male(s)
34	2/10/00	Michael Roberts	41	m	Black	1 Black Female(s)
35	2/6/02	Michael Owsley	40	m	Black	1 Black Male(s)
36	2/7/95	Jeffrey Motley	29	m	White	1 Latino Female(s)
37	2/10/99	George Cordova	39	m	Latino	1 Latino Male(s)
38	2/8/01	Adolph Hernandez	50	m	Latino	1 Latino Female(s)
39	2/4/03	John Elliott	42	m	Latino	1 Latino Female(s)

execution\_database.csv

Search in Sheet

Home Layout Tables Charts SmartArt Formulas Data Review

Edit Font Alignment Number Format Cells

Calibri (Body) 12 General Normal

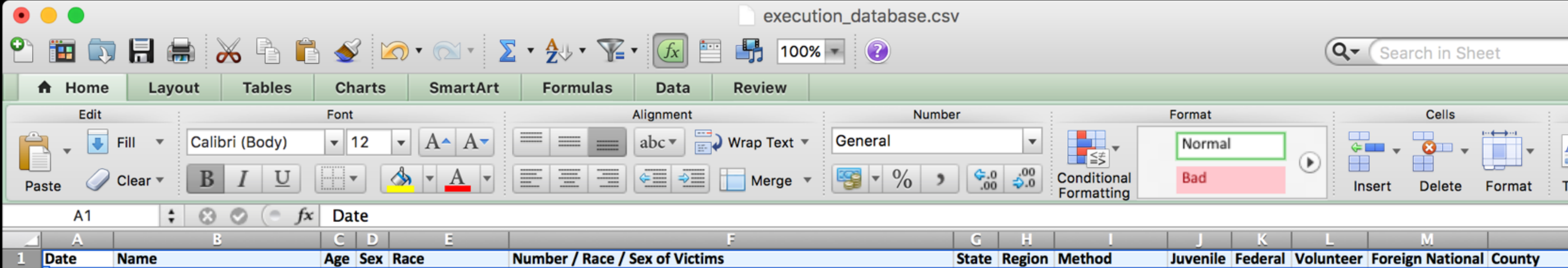
A1 Date

	A	B	C	D	E	F	G	H	I	J	K	L	M	
1	Date	Name	Age	Sex	Race	Number / Race / Sex of Victims	State	Region	Method	Juvenile	Federal	Volunteer	Foreign National	County

# Quiz No. 1

Here are a few possibilities:

- Demographics: Comparison of executed prisoners based on their age, sex or race



# Quiz No. 1

Here are a few possibilities:

- State totals: Ranking of death penalty states, from those with the most executions to the least.

The image shows a screenshot of a Microsoft Excel spreadsheet titled "execution\_database.csv". The ribbon is set to the "Home" tab, and the "Formulas" group is active. The spreadsheet has the following columns:

	A	B	C	D	E	F	G	H	I	J	K	L	M	
1	Date	Name	Age	Sex	Race	Number / Race / Sex of Victims	State	Region	Method	Juvenile	Federal	Volunteer	Foreign National	County

# Quiz No. 1

Here are a few possibilities:

- Annual totals: Year-by-year frequency of the death penalty in the US.

execution\_database.csv

Search in Sheet

Home Layout Tables Charts SmartArt Formulas Data Review

Edit Font Alignment Number Format Cells

Calibri (Body) 12 A A

General

Normal Bad

A1 Date

	A	B	C	D	E	F	G	H	I	J	K	L	M	
1	Date	Name	Age	Sex	Race	Number / Race / Sex of Victims	State	Region	Method	Juvenile	Federal	Volunteer	Foreign National	County

# Quiz No. 1

Here are a few possibilities:

- Date breakdowns: In what month do the most executions occur?

The image shows a screenshot of a Microsoft Excel spreadsheet titled "execution\_database.csv". The ribbon is set to the "Formulas" tab. The spreadsheet has the following columns:

	A	B	C	D	E	F	G	H	I	J	K	L	M	
1	Date	Name	Age	Sex	Race	Number / Race / Sex of Victims	State	Region	Method	Juvenile	Federal	Volunteer	Foreign National	County

# Quiz No. 1

Here are a few possibilities:

- Breakdown by method: Totals for methods of execution, possibly as a comparison by range of years.



	A	B	C	D	E	F	G	H	I	J	K	L	M	
1	Date	Name	Age	Sex	Race	Number / Race / Sex of Victims	State	Region	Method	Juvenile	Federal	Volunteer	Foreign National	County

# Quiz No. 1

Here are a few possibilities:

- Breakdown by region: In what section of the country do most executions occur? Has this changed over time?

# Quiz No. 1

Each of these graphics will require some level of “number crunching” in Excel. There is a new handout available on our Links page that you can use as reference to help you with this.

execution\_database.csv

Search in Sheet

Home Layout Tables Charts SmartArt Formulas Data

Edit Font Alignment

Calibri (Body) 12

fx Date

	A	B	C	D	E
1	Date	Name	Age	Sex	Race
					Number / Race / Sex of Victims

**IDV460**  
INTERACTIVE DATA VIZ SPRING 16

## How do I ...?

No. 1 > MICROSOFT EXCEL FUNCTIONS

In Excel, you can use functions to perform a number of valuable tasks that can help clean your data and make calculations based on your data. For a full list of Excel functions – there are a lot of them! – go to <https://support.office.com/en-us/article/Excel-functions-by-category-5f91f4e9-7b42-46d2-9bd1-63f26a86c0eb>

### 1. ...concatenate cells?

Concatenating takes data from separate cells and puts them together in a new cell. This is helpful for a number of reasons, but in our case, we may want to create a cell for a year that we can quickly copy and paste into Illustrator. (For an Illustrator chart, you need to represent the year 1900 as "1900".) here's how to create this:

1. Start with a column of text that has years.
2. In a blank, adjacent column, type a double quote (")
3. Double-click the blue square at the bottom right of this new cell.
4. Move to an empty cell in the same row.
5. Type ...

**= CONCATENATE()**

6. Place your cursor inside the parentheses, and click on the cells you want to unite (or type their names).
7. Double-click the blue square at the bottom right of this new cell.

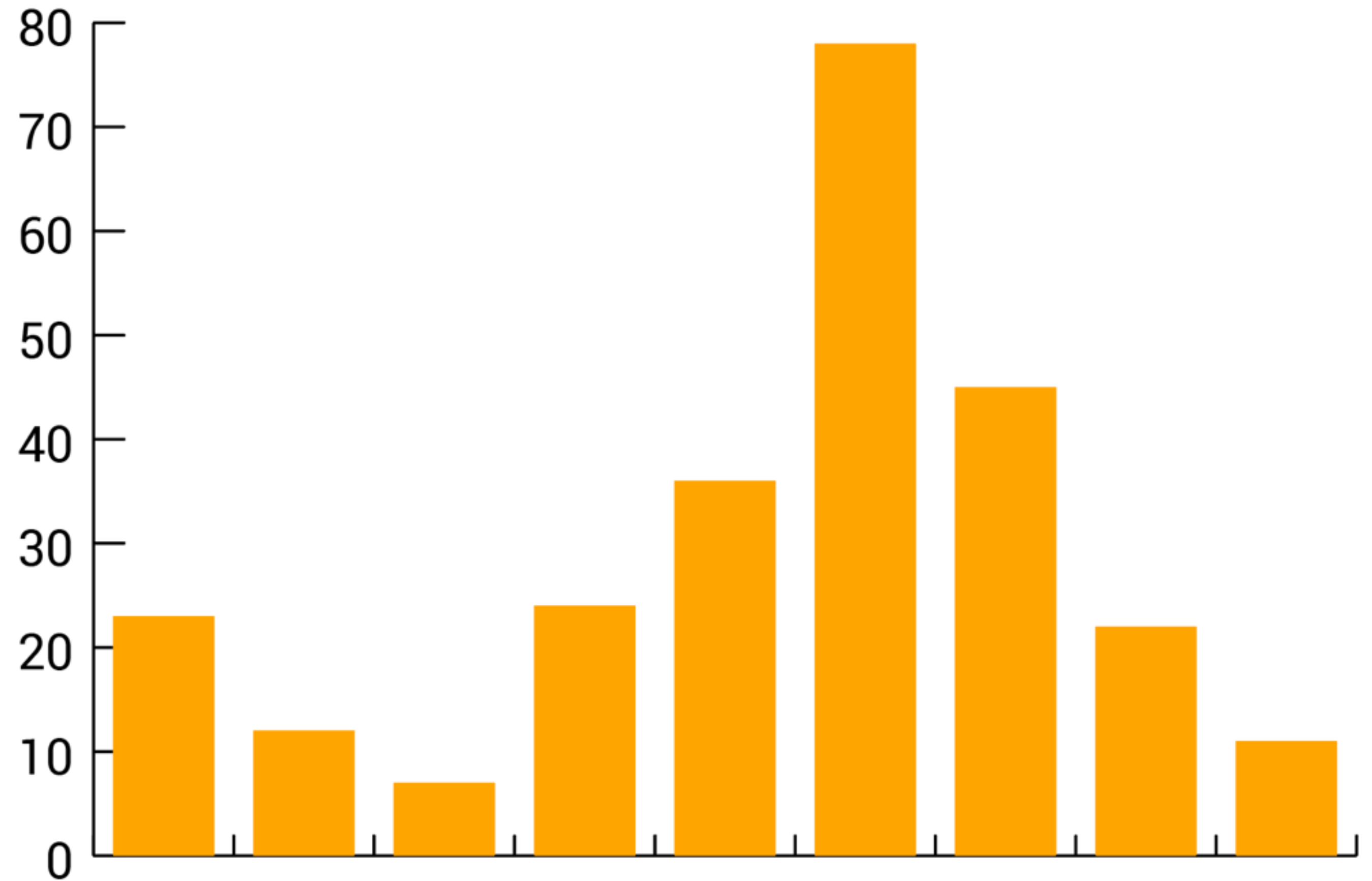
1900 "	
1901 "	
1902 "	
1903 "	
1904 "	
1905 "	
1906 "	
1907 "	

1900 "	=CONCATENATE(C4,B4,C4)
1901 "	
1902 "	
1903 "	
1904 "	
1905 "	
1906 "	
1907 "	

1900 "	"1900"
1901 "	"1901"
1902 "	"1902"
1903 "	"1903"
1904 "	"1904"
1905 "	"1905"
1906 "	"1906"
1907 "	"1907"

# Quiz No. 1

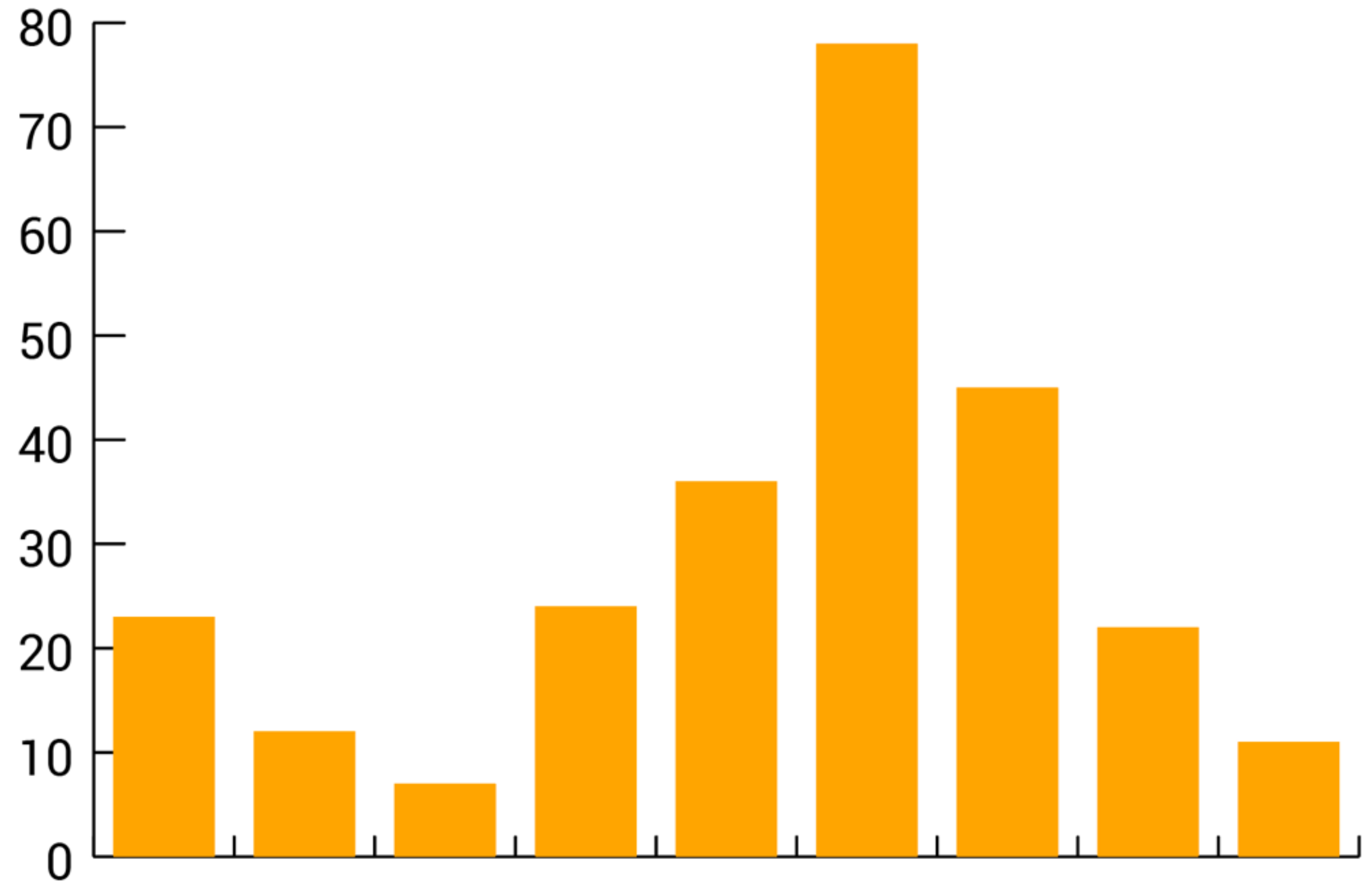
4. Create an informational graphic in Illustrator.



# Quiz No. 1

4. Create an informational graphic in Illustrator.

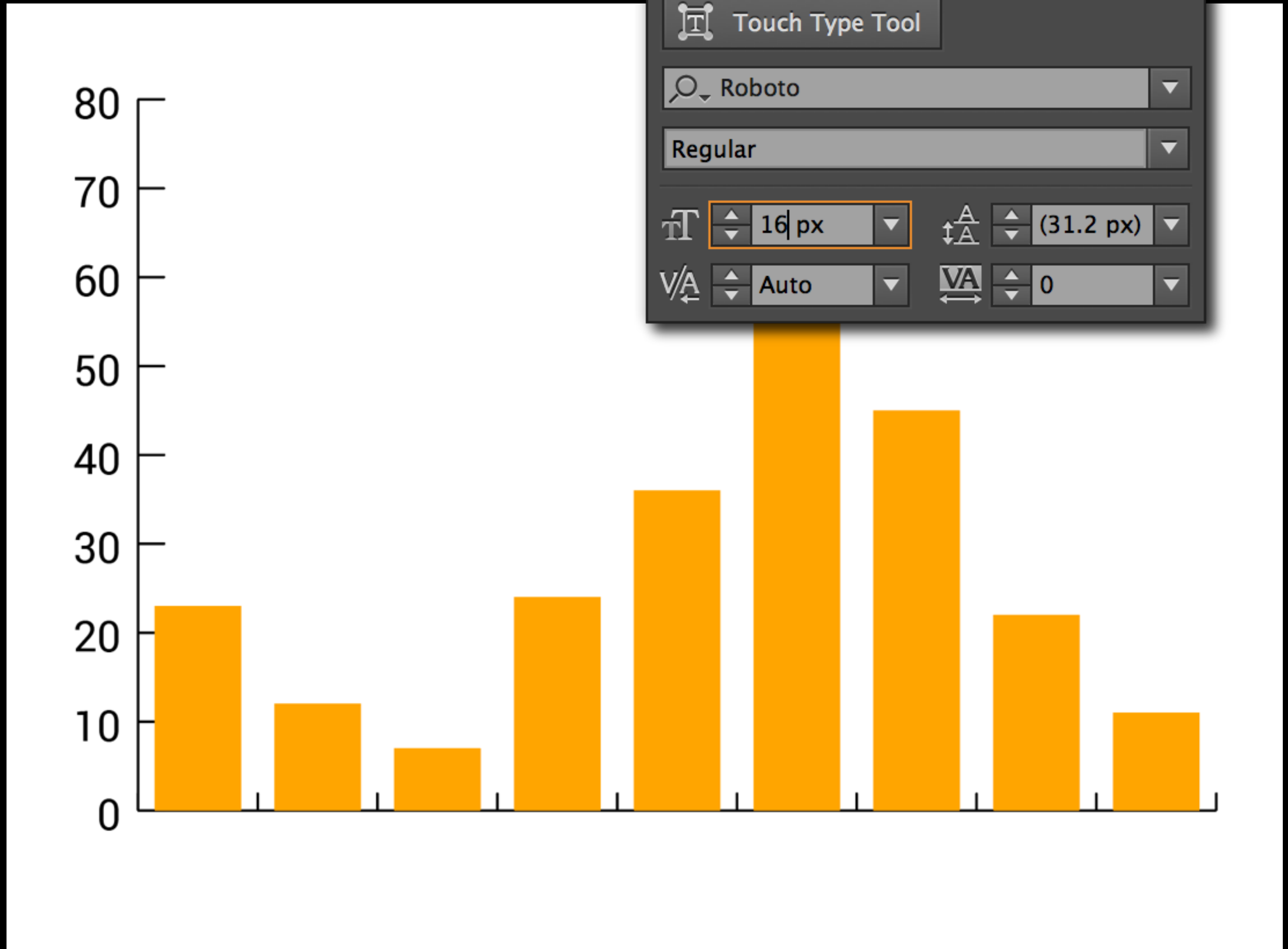
Create a chart-based graphic from your data – bar, line, pie or other – your choice, depending on your information.



# Quiz No. 1

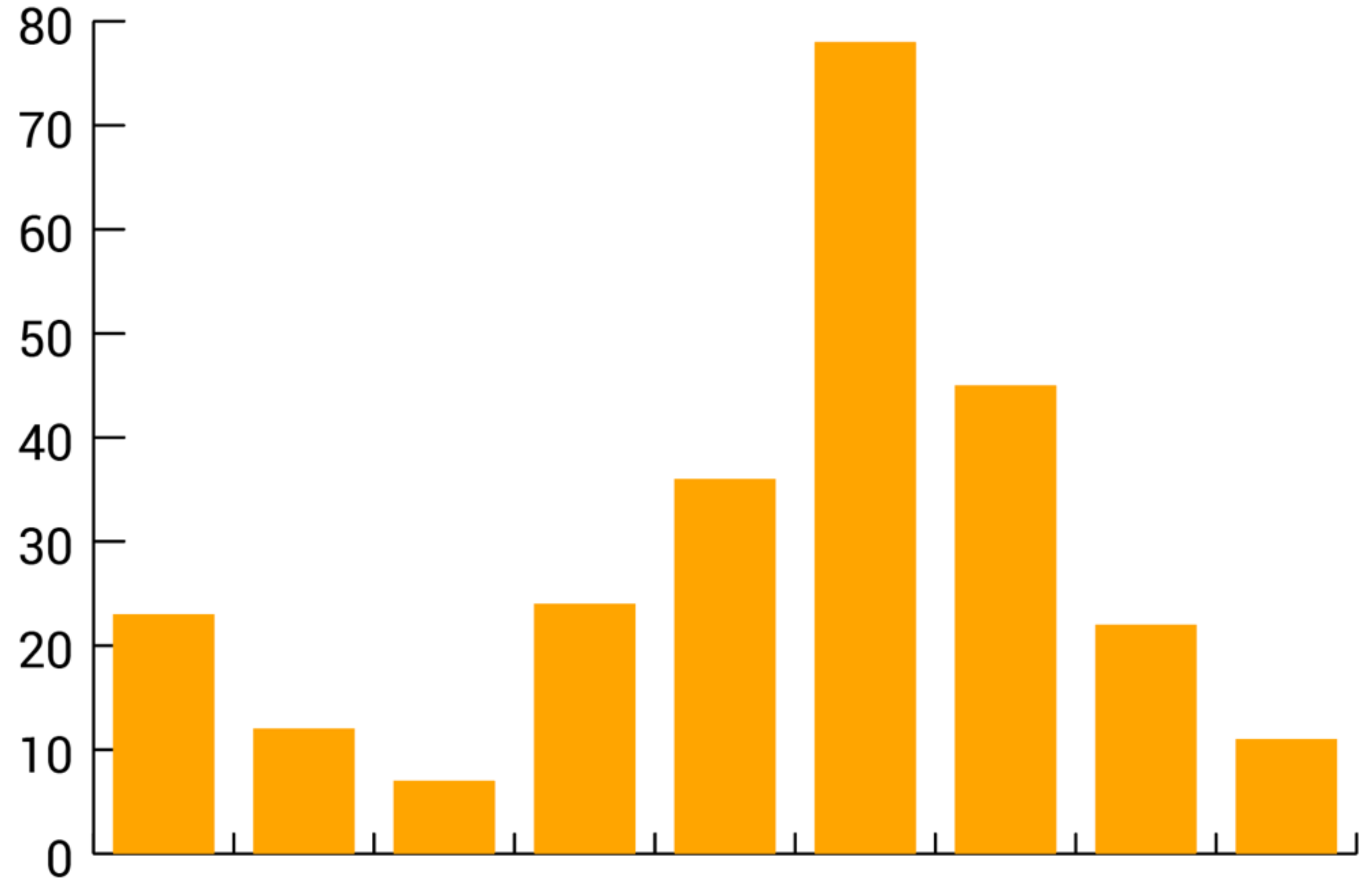
4. Create an informational graphic in Illustrator.

Use your typefaces — the ones in your site design — at correct web sizes. Make the graphic 600px wide at least, but it can be more if you need it to be.



# Quiz No. 1

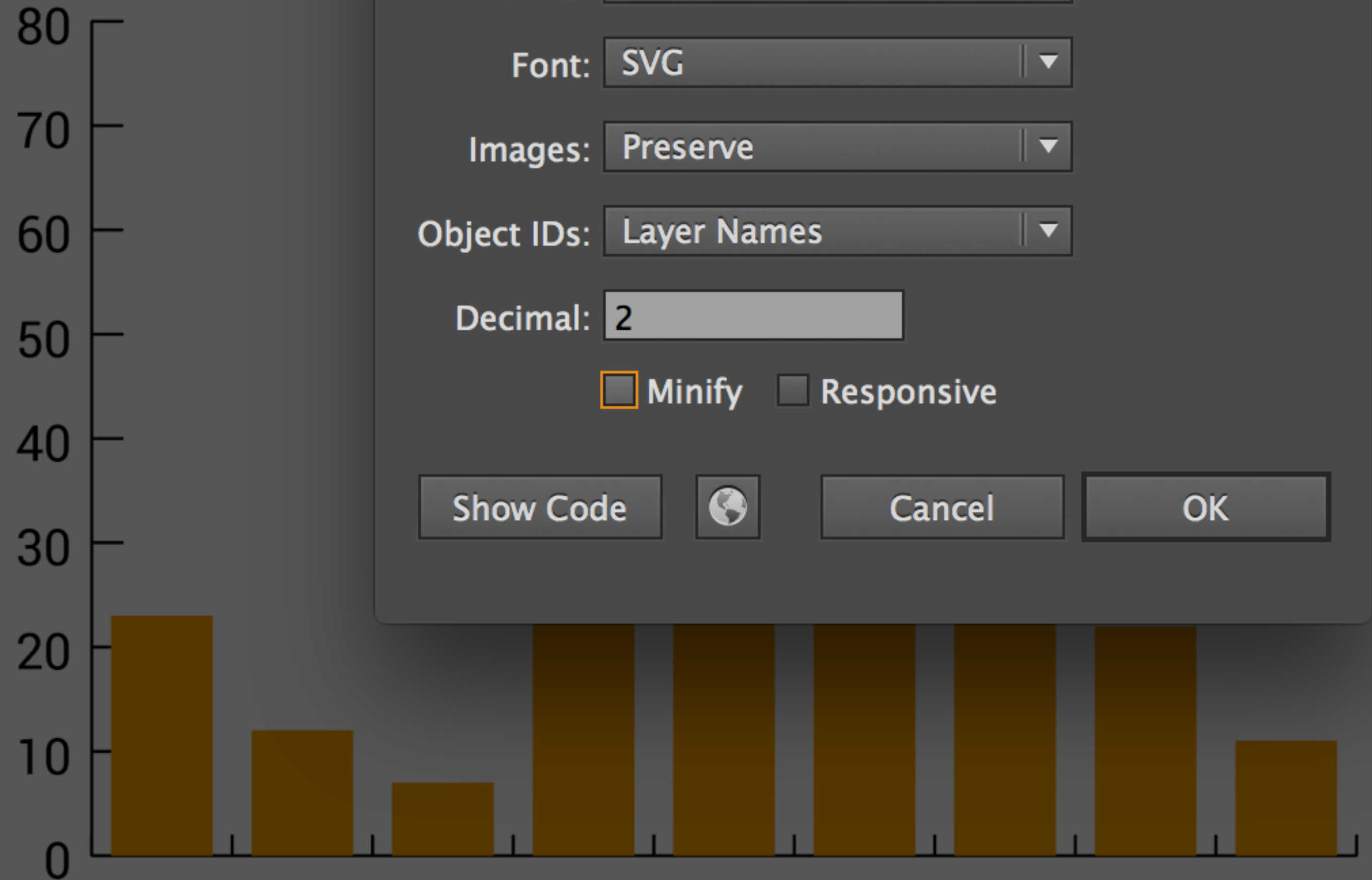
5. Save in SVG format.



# Quiz No. 1

5. Save in SVG format.

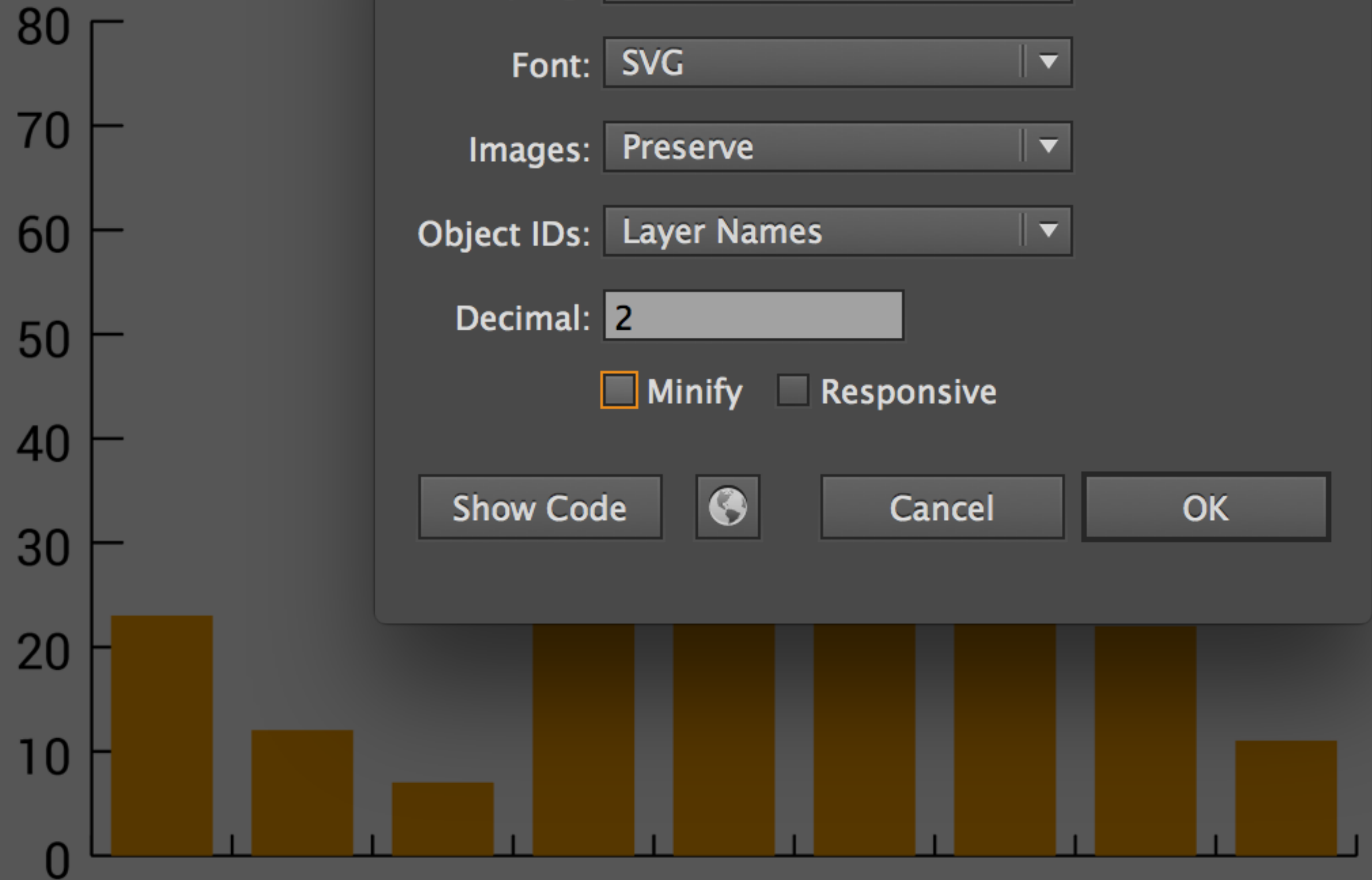
You can Save As... or, better yet, choose the Export function. (Make sure to deselect the "Minify" box.)



# Quiz No. 1

5. Save in SVG format.

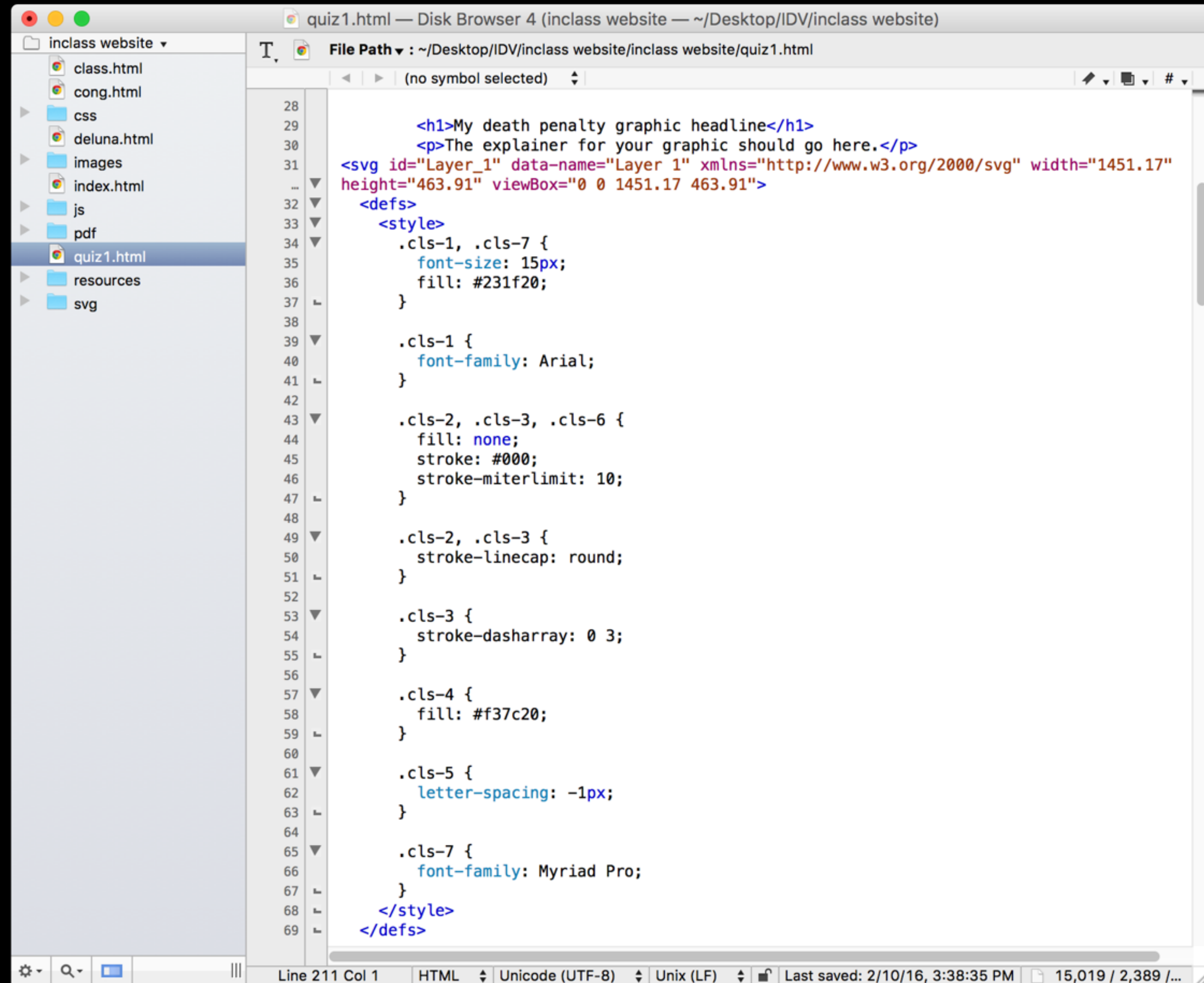
You can Save As... or, better yet, choose the Export function. (Make sure to deselect the "Minify" box.)





# Quiz No. 1

## 6. Add SVG to your new page.



```
quiz1.html — Disk Browser 4 (inclass website — ~/Desktop/IDV/inclass website)
inclass website
├── class.html
├── cong.html
├── css
├── deluna.html
├── images
├── index.html
├── js
├── pdf
├── quiz1.html
├── resources
└── svg

File Path: ~/Desktop/IDV/inclass website/inclass website/quiz1.html
(no symbol selected)

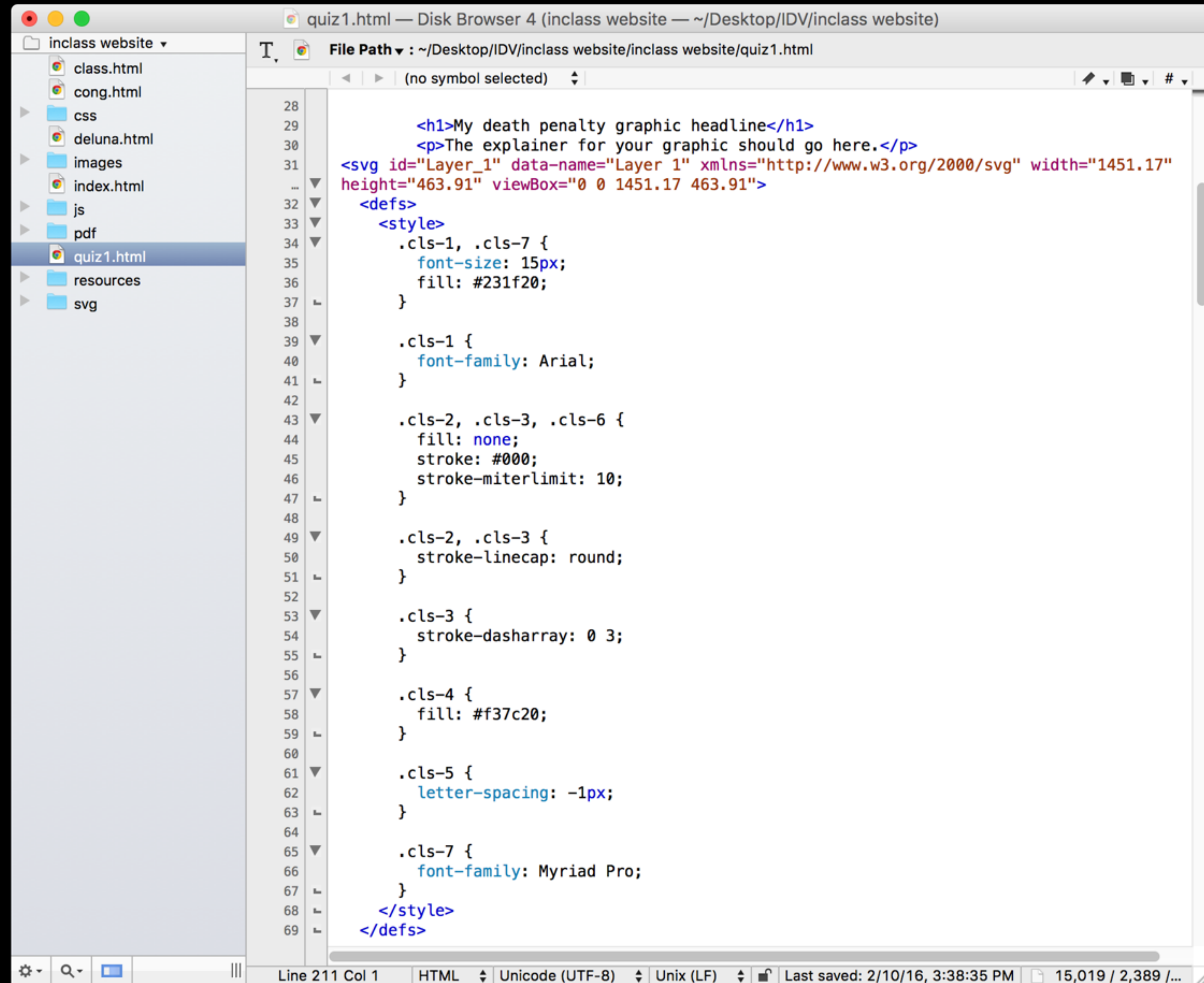
28
29     <h1>My death penalty graphic headline</h1>
30     <p>The explainer for your graphic should go here.</p>
31 <svg id="Layer_1" data-name="Layer 1" xmlns="http://www.w3.org/2000/svg" width="1451.17"
32 height="463.91" viewBox="0 0 1451.17 463.91">
33 <defs>
34 <style>
35     .cls-1, .cls-7 {
36         font-size: 15px;
37         fill: #231f20;
38     }
39
40     .cls-1 {
41         font-family: Arial;
42     }
43
44     .cls-2, .cls-3, .cls-6 {
45         fill: none;
46         stroke: #000;
47         stroke-miterlimit: 10;
48     }
49
50     .cls-2, .cls-3 {
51         stroke-linecap: round;
52     }
53
54     .cls-3 {
55         stroke-dasharray: 0 3;
56     }
57
58     .cls-4 {
59         fill: #f37c20;
60     }
61
62     .cls-5 {
63         letter-spacing: -1px;
64     }
65
66     .cls-7 {
67         font-family: Myriad Pro;
68     }
69 </style>
</defs>
```

Line 211 Col 1 | HTML | Unicode (UTF-8) | Unix (LF) | Last saved: 2/10/16, 3:38:35 PM | 15,019 / 2,389 /...

# Quiz No. 1

6. Add SVG to your new page.

Open the SVG code in Text Wrangler, copy it, and paste into your `<main>` tag on the `quiz1.html` page.



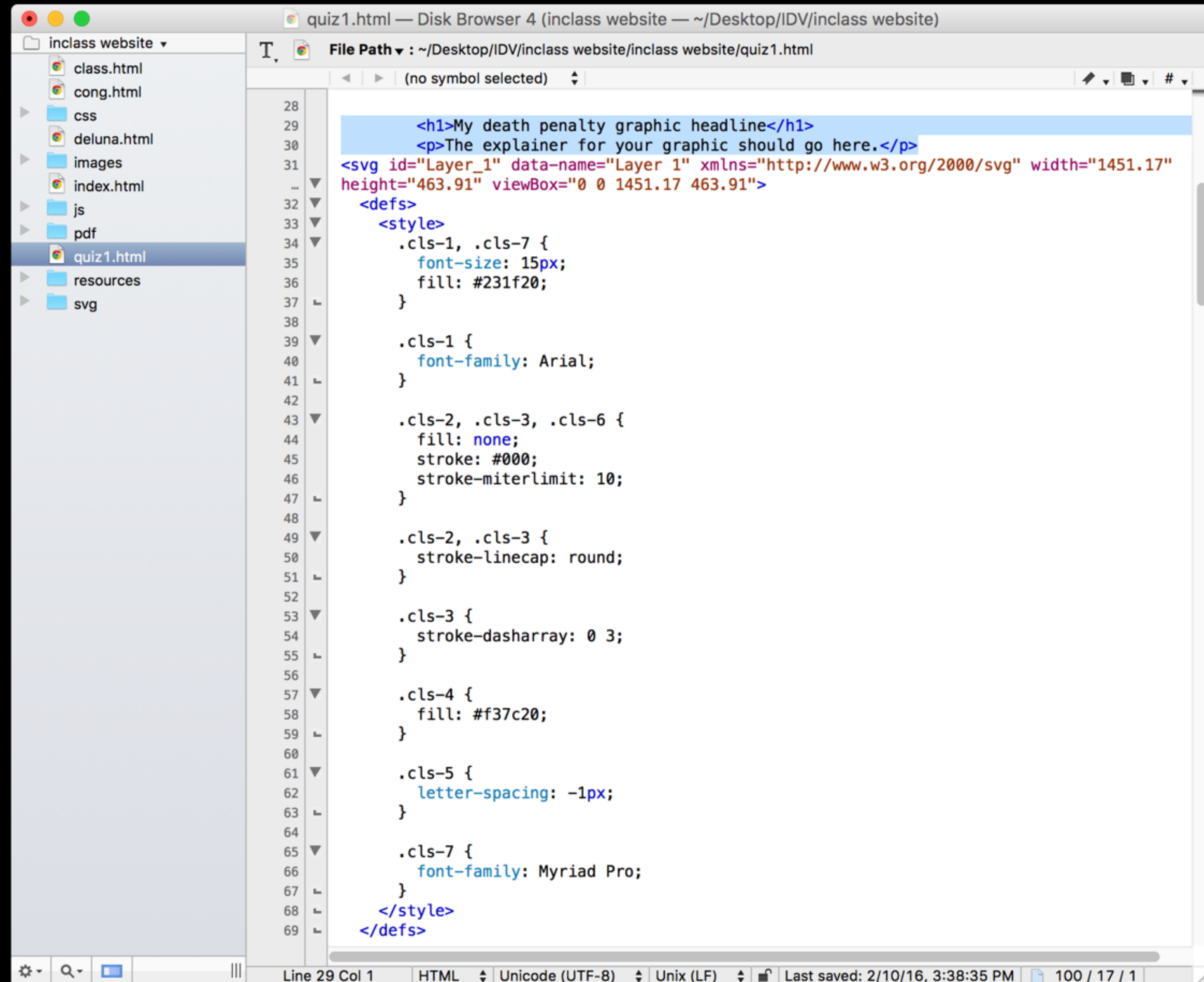
The screenshot shows a text editor window titled "quiz1.html" with a file path of "~/Desktop/IDV/inclass website/inclass website/quiz1.html". The editor displays the following code:

```
28
29     <h1>My death penalty graphic headline</h1>
30     <p>The explainer for your graphic should go here.</p>
31 <svg id="Layer_1" data-name="Layer 1" xmlns="http://www.w3.org/2000/svg" width="1451.17"
32 height="463.91" viewBox="0 0 1451.17 463.91">
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34 <style>
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36         font-size: 15px;
37         fill: #231f20;
38     }
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40     .cls-1 {
41         font-family: Arial;
42     }
43
44     .cls-2, .cls-3, .cls-6 {
45         fill: none;
46         stroke: #000;
47         stroke-miterlimit: 10;
48     }
49
50     .cls-2, .cls-3 {
51         stroke-linecap: round;
52     }
53
54     .cls-3 {
55         stroke-dasharray: 0 3;
56     }
57
58     .cls-4 {
59         fill: #f37c20;
60     }
61
62     .cls-5 {
63         letter-spacing: -1px;
64     }
65
66     .cls-7 {
67         font-family: Myriad Pro;
68     }
69 </style>
</defs>
```

The status bar at the bottom indicates "Line 211 Col 1", "HTML", "Unicode (UTF-8)", "Unix (LF)", and "Last saved: 2/10/16, 3:38:35 PM".

# Quiz No. 1

## 7. Add text in HTML.



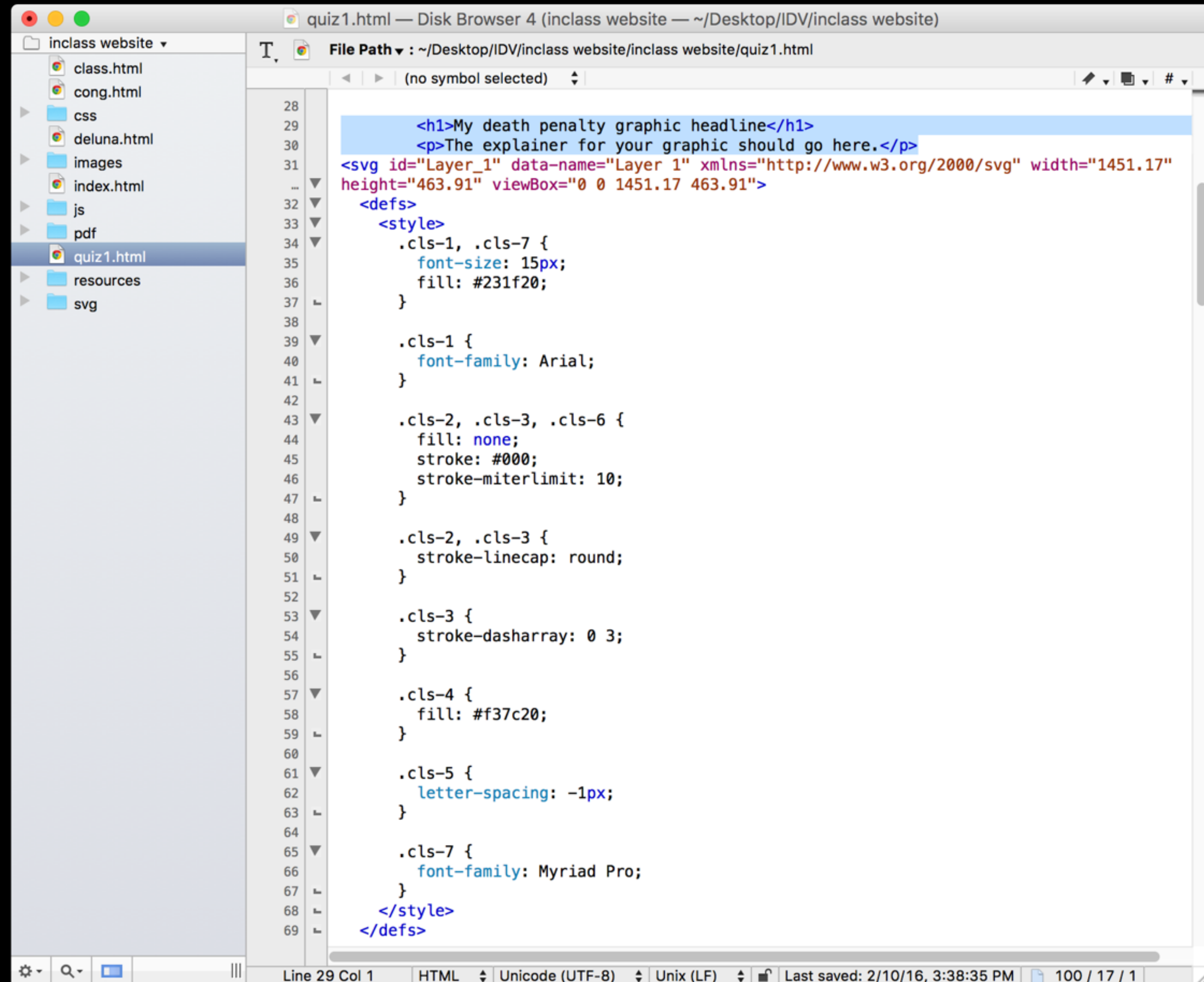
```
quiz1.html — Disk Browser 4 (inclass website — ~/Desktop/IDV/inclass website)
inclass website
├── class.html
├── cong.html
├── css
├── deluna.html
├── images
├── index.html
├── js
├── pdf
├── quiz1.html
├── resources
└── svg
File Path: ~/Desktop/IDV/inclass website/inclass website/quiz1.html
28
29 <h1>My death penalty graphic headline</h1>
30 <p>The explainer for your graphic should go here.</p>
31 <svg id="Layer_1" data-name="Layer 1" xmlns="http://www.w3.org/2000/svg" width="1451.17"
height="463.91" viewBox="0 0 1451.17 463.91">
32 <defs>
33 <style>
34 .cls-1, .cls-7 {
35     font-size: 15px;
36     fill: #231f20;
37 }
38
39 .cls-1 {
40     font-family: Arial;
41 }
42
43 .cls-2, .cls-3, .cls-6 {
44     fill: none;
45     stroke: #000;
46     stroke-miterlimit: 10;
47 }
48
49 .cls-2, .cls-3 {
50     stroke-linecap: round;
51 }
52
53 .cls-3 {
54     stroke-dasharray: 0 3;
55 }
56
57 .cls-4 {
58     fill: #f37c20;
59 }
60
61 .cls-5 {
62     letter-spacing: -1px;
63 }
64
65 .cls-7 {
66     font-family: Myriad Pro;
67 }
68 </style>
69 </defs>
```

Line 29 Col 1 | HTML | Unicode (UTF-8) | Unix (LF) | Last saved: 2/10/16, 3:38:35 PM | 100 / 17 / 1

# Quiz No. 1

## 7. Add text in HTML.

Add an `<h1>` for your headline, and a `<p>` tag for your explainer, as well as any other text that is necessary, including, below a source line.



```
quiz1.html — Disk Browser 4 (inclass website — ~/Desktop/IDV/inclass website)
File Path: ~/Desktop/IDV/inclass website/inclass website/quiz1.html
<h1>My death penalty graphic headline</h1>
<p>The explainer for your graphic should go here.</p>
<svg id="Layer_1" data-name="Layer 1" xmlns="http://www.w3.org/2000/svg" width="1451.17"
height="463.91" viewBox="0 0 1451.17 463.91">
  <defs>
    <style>
      .cls-1, .cls-7 {
        font-size: 15px;
        fill: #231f20;
      }
      .cls-1 {
        font-family: Arial;
      }
      .cls-2, .cls-3, .cls-6 {
        fill: none;
        stroke: #000;
        stroke-miterlimit: 10;
      }
      .cls-2, .cls-3 {
        stroke-linecap: round;
      }
      .cls-3 {
        stroke-dasharray: 0 3;
      }
      .cls-4 {
        fill: #f37c20;
      }
      .cls-5 {
        letter-spacing: -1px;
      }
      .cls-7 {
        font-family: Myriad Pro;
      }
    </style>
  </defs>
```

# Quiz No. 1

8. Upload your quiz.html page – and your new version of class.html – to your server, using Cyberduck.

