

WorkBook - 1

Review Questions

1. jQuery is a JavaScript Library. (True / False)_____.
2. jQuery uses CSS selectors and XPath expressions to select elements?(True / False)_____.
3. Which sign does jQuery use as a shortcut for jQuery?_____.
4. Is jQuery a library for client scripting or server scripting?_____.
5. Is it possible to use jQuery together with AJAX?(Yes / No)_____.
6. The jQuery `html()` method works for both HTML and XML documents. (True / False)_____.
7. What is the correct jQuery code to set the background color of all `p` elements to red?_____.
8. With jQuery, look at the following **selector**: `$('div.intro')`. What does it select?_____.
9. Which jQuery method is used to hide selected elements?_____.
10. To use jQuery, you can refer to a hosted jQuery library at Google. (True / False)_____.
11. What scripting language is jQuery written in?_____.
12. Which jQuery function is used to prevent code from running, before the document is finished loading?_____.
13. Is jQuery a W3C standard?(Yes / No)_____.
14. jQuery is a JSON Library. (True / False)_____.
15. Is jQuery replacement of Java Script? (Yes / No)_____.
16. Which is the starting point of code execution in jQuery?_____.
17. What does dollar sign (\$) means in jQuery?_____.

18. Can we have multiple `document.ready()` function on the same page?(True / False)_____.
19. Can we use our own specific character in the place of \$ sign in jQuery?(True / False)_____.
20. What does CDN stand for?_____.
21. What is a CDN?_____.
22. Which are the popular jQuery CDN?_____.
23. How to load jQuery from CDN?_____.
24. What are selectors in jQuery and how many types of selectors are there?_____.
25. How do you select element by ID in jQuery?_____.
26. What does `$('div')` will select?_____.
27. How to select element having a particular class (`$('.selected')`)?_____.
28. What does `$('div.parent')` will select?_____.
29. What are the fastest selectors in jQuery?_____.
30. What are the slow selectors in jQuery?_____.
31. Difference between `$(this)` and `'this'` in jQuery?_____.
32. `$.foo()` is equivalent to_____.
33. Can you can use CSS3 selectors to select or find elements using jQuery?_____.
34. What is the correct jQuery code for making all `div` elements 100 pixels high?_____.

Exercises

- Write the expected output, or compiler errors if any, for each of the following programs in the box provided below each program.
- Then execute the programs and check your answers.

- Then answer the questions given below.

program 1

```

1 <html>
2   <head>
3     <script src = ‘‘ jquery -1.11.1.js ’’>
4     </script>
5     <script>
6       $ ( document ).ready (function() {
7         $ ( ‘‘#button1’’ ).click (function() {
8           window.close();
9         });
10      });
11    </script>
12  </head>
13  <body>
14    <button id = ‘‘button1’’>Close Window</button>
15  </body>
16 </html>

```

Q1: What is happening at line 3 in the above code snippet?

Q2: What is happening at line 6 in the above code snippet?

Q3: When will be the `window.close()` get's invoked?

Program 2

```

1 <script src = ‘‘ jquery -1.11.1.js ’’>
2 </script>
3 <script>
4   $ (document).ready(function() {
5     $ ( ‘‘p’’ ).click(function(){
6       window.open( ‘‘www.yahoo.com’’, ‘‘blank’’ );
7     });
8     $( ‘‘div’’ ).click(function() {
9       window.open ( ‘‘www.amazon.com’’, ‘‘blank’’ )
10    });
11  });
12 </script>
13 <body>

```

```

14     <p>click here</p>
15     <div>click here</ div>
16 </body>
17
18 }

```

Q1: What will happen when p and div are clicked?

Q2: What does `$('p ')` and `$('div ')` will select?

Program 3

```

1 <table border = '1 '>
2     <tr><td>Vikas Ahlawat</td></tr>
3     <tr><td>Edwin George</td></tr>
4     <tr><td>Rohit Khurana</td></tr>
5     <tr><td>Gyan Singh</td></tr>
6 </table>

```

Q1: If you have a table, how you will apply the two different color on alternate rows using jQuery?

Q2: Add a solid red border around a table using jQuery?

Program 4

```

1 <div id = 'meow'>
2     <p>CSS is FUN</p>
3 </div>
4 <p id = 'block'>jQuery will make this have a solid red border</p>

```

Q1: Make the formatting changes to the div above: background color FF7373, font color white, border black.

Q2: Add a solid red border around `<p id = 'block'>....</p>`.

Additional Exercises

1. Add the tag `<p>JavaScript drives me crazy sometimes</p>` to the following div:

```
1 <div class = 'intro'>
2     <h1>Marital Status?</h1>
3 </div>
```

2. Store the value of the `src` attribute of `` in a variable called `imageFile` and then print the value of this variable to the screen to demonstrate it has been done correctly.

3. Make the following image gradually disappear over a period of 3 seconds.

```
<img id = 'picture' src = 'oktoberfest.jpg' height = '300px'
width = '400px'>
```

4. Add all the external links in the following webpage to the unordered list with `id = "website_list"`.

```
1 <body>
2     <a href = 'http://google.com'>Google</a>
3     <a href = 'http://surfline.com'>Surfline</a>
4     <a href = 'http://paulgraham.com'>Paul Graham</a>
5     <div id = 'websites'>
6         <h3>Websites listed on this page</h3>
7         <ul id = 'website_list'>
8             </ul>
9     </div>
10 </body>
```

5. Write the code for selecting the 1st div element, 4th div element, last div, and for even and odd div elements also one by one?