

```
1 # JavaScript Assignment 2
2
3 ### Overview
4
5 In this assignment, You'll create a Trivia game using JavaScript for the logic and
  jQuery to manipulate HTML. Be sure to layout this app with valid HTML and stylish
  CSS.
6
7 ### Submission on BCS
8
9 * Please submit both the deployed Github.io link to your homework AND the link to the
  Github Repository!
10
11 ### Before You Begin
12
13 1. Create a GitHub repo called `TriviaGame`, then clone the repo to your computer.
14
15 2. Create a file inside of the `TriviaGame` folder called `index.html`. This is where
  you'll mark up all of your HTML.
16
17 3. Don't forget to include a script tag with the jQuery library.
18
19 4. Create a folder inside of the `TriviaGame` folder called `assets`.
20
21 5. Inside `assets`, create three folders: `css`, `javascript`, `images`
22
23     * In your `css` folder, create a `style.css` file.
24     * In your `javascript` folder, create an `app.js` file; here you'll write all of
  your JavaScript and jQuery.
25     * In your `images` folder, save whatever images you'd like to use in this
  exercise.
26
27 6. Choose a game to build from your options below.
28
29 ### Option One: Basic Quiz (Timed Form)
30
31 ![[Basic]](Images/1-basic.jpg)
32
33 **[[Click Here to Watch the Demo]](https://youtu.be/fBIj8YsA9dk)**.
34
35 * You'll create a trivia form with multiple choice or true/false options (your
  choice).
36
37 * The player will have a limited amount of time to finish the quiz.
38
39     * The game ends when the time runs out. The page will reveal the number of
  questions that players answer correctly and incorrectly.
40
41 * Don't let the player pick more than one answer per question.
42
43 * Don't forget to include a countdown timer.
44
45 ### Option Two: Advanced Assignment (Timed Questions)
46
47 ![[Advanced]](Images/2-advanced.jpg)
48
49 **[[Click Here to Watch the demo]](https://youtu.be/xhmmiRmxQ8Q)**.
50
51 * You'll create a trivia game that shows only one question until the player answers
  it or their time runs out.
```

```
51 * If the player selects the correct answer, show a screen congratulating them for
    choosing the right option. After a few seconds, display the next question -- do this
    without user input.
52
53 * The scenario is similar for wrong answers and time-outs.
54
55 * If the player runs out of time, tell the player that time's up and display the
    correct answer. Wait a few seconds, then show the next question.
56 * If the player chooses the wrong answer, tell the player they selected the wrong
    option and then display the correct answer. Wait a few seconds, then show the next
    question.
57
58 * On the final screen, show the number of correct answers, incorrect answers, and an
    option to restart the game (without reloading the page).
59
60 ### Reminder: Submission on BCS
61
62 * Please submit both the deployed Github.io link to your homework AND the link to the
    Github Repository!
63
64 - - -
65
66 ### Minimum Requirements
67
68 Attempt to complete homework assignment as described in instructions. If unable to
    complete certain portions, please pseudocode these portions to describe what remains
    to be completed. Adding a README.md as well as adding this homework to your portfolio
    are required as well and more information can be found below.
69
70 - - -
71
72 ### Create a README.md
73
74 Add a `README.md` to your repository describing the project. Here are some resources
    for creating your `README.md`. Here are some resources to help you along the way:
75
76 * \[About READMEs\](https://help.github.com/articles/about-readmes/)
77
78 * \[Mastering Markdown\](https://guides.github.com/features/mastering-markdown/)
79
80 - - -
81
82 ### Add To Your Portfolio
83
84 After completing the homework please add the piece to your portfolio. Make sure to
    add a link to your updated portfolio in the comments section of your homework so the
    TAs can easily ensure you completed this step when they are grading the assignment.
    To receive an 'A' on any assignment, you must link to it from your portfolio.
85
86 - - -
87
88 ### A Few Last Notes
89
90 * Styling and theme are completely up to you. Get creative!
91
92 * Remember to deploy your assignment to Github Pages.
93
94 *If you have any questions about this project or the material we have covered, please
    post them in the community channels in slack so that your fellow developers can help
```

you! If you're still having trouble, you can come to office hours for assistance from your instructor and TAs.

95

96 ****Good Luck!****

97