

Javascript Hands-On

Coding Assessment Details

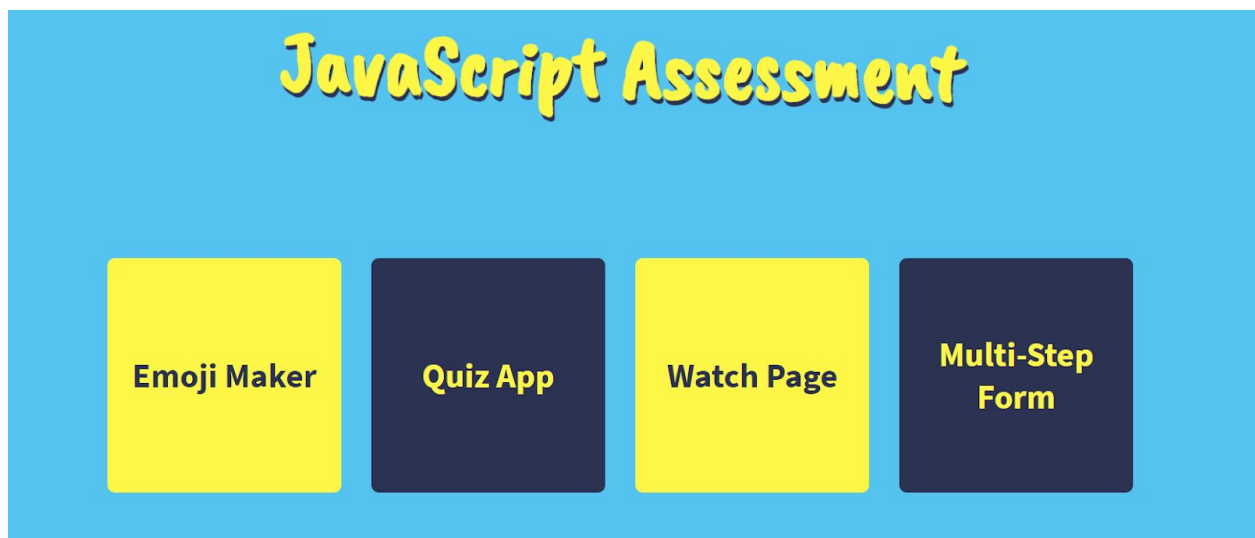
Note:

- i. This assessment will be of duration 6 hours. From 03:00 PM IST to 09:00 PM IST.
- ii. You can not search for solutions on the internet and you should not post your doubts on classroom.
- iii. We have uploaded the code on GitHub the details of which are given below.
- iv. You can find the HTML and CSS code already present in this GitHub code.

Project Details

Steps:

1. Go to GitHub repository link:
<https://github.com/qaifkhan/JavaScript-Assessment-Starter-Files>
2. Download the code as zip file
3. Create a new folder in your Desktop and unzip the files in that folder
4. Open the folder: JavaScript-Assessment-Starter-Files-master using VSCode or any other code editor of your preference
5. Open the index.html file and open it with live server, you should see something like this on your browser tab:



As you can see in the above screenshot, we have 4 different applications for which the HTML and CSS you can find in the starter files folder which you have downloaded from github.

You have to write JavaScript to implement functionalities for these 4 small applications.

Detailed Functionalities:

1. Emoji Maker:

- a. When a user selects an emoji color, it should be visible on the card which is on right side and automatically select eyes card should be visible.
- b. When a user selects eyes from the options, those pair of eyes should be added to the emoji on the right hand card and the select mouth card should be visible.
- c. When a user selects a mouth from the options, it should get added to the emoji.
- d. The user can also navigate between the cards using the arrows on the cards.

2. Quiz App:

- a. When you click on the Quiz App on Homepage, you will see some static data on the screen.
- b. You have to render this data dynamically. You will have to make an API request using the API call: <http://5d76bf96515d1a0014085cf9.mockapi.io/quiz> to get the data which would include - all the questions, their options and correct answer.
- c. When user clicks on submit button, if the user hasn't answered all the questions then an error should be visible.
- d. When user clicks on submit button after answering all the questions. A total score should be visible in popup.
- e. Just a quick tip: You can store the response of the API call in local storage. On Form submit all answers will be added to the URL so you can parse the data from URL to verify your results.

3. Video Watch Page:

- a. When you click on the Watch Page on the Homepage, you will see some static data on the screen.
- b. All this data is being dynamically which includes the playlist cards, video player and video data.
- c. You will get 2 API calls.
 - i. First API call: <https://5d76bf96515d1a0014085cf9.mockapi.io/playlist> is to fetch the playlist data.
 - ii. Second API call: <http://5d76bf96515d1a0014085cf9.mockapi.io/video/1> is to fetch the video details.
- d. On playlist card click the page is scrolled to top and the video player along with video data is updated accordingly.

4. Multi-Step Form:

- a. The form has 3 steps and all the fields with * are required fields. So you have to put validation to check if the data entered was correct or not according to the type of input field.
- b. If the data is incorrect then show a custom error and do not allow the user to go to the next step. Just a quick tip: You can use Regular Expressions for validation.
- c. When user clicks on next button, you need to show the next step. Another quick tip: You can use the preventDefault behavior method to prevent the form from sending data and refreshing the page on button click.
- d. When user clicks on the previous button, show previous step.
- e. On form Step 3 submit button click, show the Success Message.

GitHub Repository URL: <https://github.com/qaifikhana/JavaScript-Assessment-Starter-Files>

List of API Calls:

1. Quiz Data: <http://5d76bf96515d1a0014085cf9.mockapi.io/quiz>
2. Playlist Details: <https://5d76bf96515d1a0014085cf9.mockapi.io/playlist>
3. Video Details: <http://5d76bf96515d1a0014085cf9.mockapi.io/video/1>

All the best! :)