# Lab 6: Using JavaScript and Deploying a Website

In this lab, you’ll demonstrate your ability to use JavaScript, as well as how to use GitHub for deployment.

## Instructions

1. Download the file “Lab 6 Using JavaScript and Deploying a Website - Files.zip” from Brightspace and extract the lab-6 folder. Use these files provided as the starting point for your Lab 6 solution. Delete this ZIP file so you don’t accidentally submit this one!
2. Working individually, update the provided website to add interactive functionality using JavaScript.
3. Update the link found in index.html to point to where the website will be hosted.

Text

Description automatically generatedDeploy your website using GitHub. Test the link to make sure it links back to itself.

1. Submission instructions:
   1. In Windows File Explorer, right-click the folder lab-6, and choose 7-Zip -> Add to “lab-6.zip”
   2. Upload the file lab-6.zip to Brightspace.
2. Submit your lab by the due date listed in Brightspace. See the marking criteria below for details on how you will be assessed.

## Marking Criteria

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **0 Marks** | **1 Mark** | **2 Marks** | **Marks** |
| **HTML** | No HTML is submitted. | Code is visible on the page. | Page renders without visible errors. | /2 |
| **HTML** | No HTML is submitted. | HTML has been modified. | HTML has not been modified. | /2 |
| **CSS** | CSS is not submitted. | CSS has been modified. | CSS has not been modified. | /2 |
| **JavaScript** | JavaScript is not included. | JavaScript is embedded within HTML. | JavaScript is contained in its own file, linked to index.html. | /2 |
| **JavaScript** | Variables are not included. | Variables are used incorrectly. | Variables use appropriate data types. | /2 |
| **JavaScript** | No logical operators are included. | Logic is partially correct. | Logic works as expected. | /2 |
| **JavaScript** | JavaScript is not included. | JavaScript has warnings. | JavaScript has no errors or warnings. | /2 |
| **GitHub** | Link not provided. | Link does not work or is not in the expected format. | Link works in provided format. | /2 |
| **Framework** | No files or folders are included. | Framework is missing elements or does not follow expected structure. | Folder structure is as expected. | /2 |
| **Total** |  |  |  | /18 |