

Assignment 5(JavaScript Basic)

1. Simple JavaScript

- A) Alert “Hello World” using JavaScript
- B) Write “Hello World” on webpage using embedded JavaScript(using `<script>` and `</script>` in an HTML document)
- C) Write “Hello World” on webpage using external javascript(write javascript code in **myscript.js** file and import it into html file)

2. Collect information from the user and store in a variable for later user.

- Create a basic page in html.
- Using a prompt box, prompt the user to supply his or her name.
- Save the name in a variable.
- Then, using a `document.write()` statement, use the information stored in variables to display *Hello username!* in big, bold letters, i.e. surrounded by `<h1>` tags.
username should, of course, be what the user actually typed into the prompt box.
- Using the same variable, also display *Hello username!* in an alert message on the same page.

3. Write a JavaScript program to find the area of a rectangle where width=4 and length=5.

4. Write a JavaScript conditional statement to sort three numbers. Display an alert box to show the result(Use **if...else**)

Sample numbers : 0, -1, 4

Output : 4, 0, -1

5. Write a JavaScript **for loop** that will iterate from 2 to 15. For each iteration, it will check if the current number is prime or non-prime, and display a message to the screen.

Sample Output :

"2 is prime"

"3 is prime"

"4 is non-prime"

6. Write a JavaScript program that accept two integers and display the larger(Use prompt box to take two numbers from user)
7. Write a JavaScript to display multiplication table of selected number. The number should be selected using prompt box and result should be displayed on the webpage.
8. Write a JavaScript program to get the current date(**Hint:** Use inbuilt **getDate()** method)

Expected Output :

mm-dd-yyyy, mm/dd/yyyy or dd-mm-yyyy, dd/mm/yyyy

9. Display the following items in the page using only one or more document.write() statements:
- Information about the web browser that the user is viewing this page with (hint: use the navigator.appName property).
 - The height and width of the user's monitor, i.e. the **resolution**(hint: use window.screen.availHeight and window.screen.availWidth)
 - The date that the page was created or last **modified** (hint: use the document.lastModified property).