



Vidyavardhini's College of Engineering and Technology

Department of Artificial Intelligence & Data Science

AY: 2025-26

Class:	T.E.	Semester:	II
Course Code:	CSC502	Course Name:	WEB COMPUTING

Name of Student:	SHRUTI GAUCHANDRA
Roll No.:	18
Assignment No.:	02
Title of Assignment:	Apply Javascript to add functionality to web pages.
Date of Submission:	11/08/25
Date of Correction:	11/08/25

Evaluation

Performance Indicator	Max. Marks	Marks Obtained
Completeness	5	5
Demonstrated Knowledge	3	3
Legibility	2	2
Total	10	10

Performance Indicator	Exceed Expectations (EE)	Meet Expectations (ME)	Below Expectations (BE)
Completeness	5	3-4	1-2
Demonstrated Knowledge	3	2	1
Legibility	2	1	0

Checked by

Name of Faculty : Ms. KSHITIJA GHARAT
Signature : Bhawat
Date : 11/08/25

CSC502.2

Apply JavaScript to add functionality to web pages.

Q.1 Write a JavaScript program to check password and confirm passwords are same or not.

→ <!DOCTYPE html>
<html>
<head>
<title> Password Match check </title>
</head>
<body>
<h2> Check Password </h2>
<input type="password" id="password" placeholder =
"Enter password">

<input type="password" id="confirmPassword"
placeholder = "confirm Password">

<button onclick = "checkPassword()"> check </button>
<p id = "result"></p>
<script>
function checkPassword () {
 let password = document.getElementById("password").value;
 let confirmPassword = document.getElementById("confirmPassword").value;
 if (password == confirmPassword) {
 document.getElementById("result").innerHTML =
 "Passwords match";
 document.getElementById("result").style.color =
 "green";
 }
}

```
else {
    document.getElementById("result").innerHTML
    = "Password do not match!";
}
}

</script>
</body>
</html>
```

Q2. Write a Javascript program using an arrow function to determine if a number entered by the user is positive, negative, or zero.

→ <!DOCTYPE html>

```
<html>
<head>
<title> Check Number Sign </title>
</head>
<body>
<h2>Check if number is Positive,Negative or Zero </h2>
<input type = "number" id = "num" placeholder = "Enter a number"> <br> <br>
<button onclick = "checkNumber()"> check </button>
<p id = "result"></p>
<script>
const checkNumber = () => {
    let number = parseFloat (document.getElementById ("num").value);
    let result = " ";
    if (number > 0) {
        result = "Positive";
    } else if (number < 0) {
        result = "Negative";
    } else {
        result = "Zero";
    }
    document.getElementById ("result").innerHTML = result;
}</script>
```

```

if (number > 0) {
    result = "Positive Number";
}
elseif (number < 0) {
    result = "Negative number";
}
else {
    result = "zero";
}
document.getElementById ("result").innerHTML
= result;
}
</script>
</body>
</html>

```

Q.3. Write a code in Javascript for the following :

- (i) To change the background colour of the web page automatically after every 5 second.

→ <!DOCTYPE html>

```

<html>
<head>
<title> Auto Background Color change </title>
</head>
<body>
<h2> Background color changes Every 5 seconds
</h2>

```

```
<script>
    const colors = ["#FF5733", "#33FF57", "#3357FF",
                    "#FF33A1", "#FFD733", "#33FFF3"];
    let index = 0;
    set Interval () => {
        document.body.style.backgroundColor =
            colors[index];
        index = (index + 1) % colors.length;
    };
    setTimeout();
</script>
</body>
</html>
```

- (ii) To display three radio buttons on the web page, namely, "Red", "Blue", and "Green". Selecting any button changes the background colour as per the name of the button.

→ <!DOCTYPE html>

```
<html>
    <head>
        <title> Radio Button Background color </title>
    </head>
    <body>
        <h2> Select a color : </h2>
        <label><input type="radio" name="color" value="red"> Red </label>
        <br>
```

```
<label><input type="radio" name="color" value="blue" onclick="changeColor(this.value)">  
Blue </label><br>  
<label><input type="radio" name="color" value="green" onclick="changeColor(this.value)">  
Green </label><br>  
<script>  
function changeColor(color){  
    document.body.style.backgroundColor = color;  
}  
</script>  
</body>  
</html>
```