



Vidyavardhini's College of Engineering and Technology
Department of Artificial Intelligence & Data Science

AY: 2025-26

Class:	TE	Semester:	✓
Course Code:	CSS502	Course Name:	WC

Name of Student:	Dhanashree Chawcu'
Roll No.:	21
Assignment No.:	02
Title of Assignment:	Apply Javascript to add functionality to web pages
Date of Submission:	11/08/2025
Date of Correction:	11/08/2025

Evaluation

Performance Indicator	Max. Marks	Marks Obtained
Completeness	5	5
Demonstrated Knowledge	3	2
Legibility	2	2
Total	10	9

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 :

Signature : Bharat

Date : 22/9/25

Write a Java Script Program to check password and confirm passwords are same or not.

```
<!DOCTYPE html>
<html>
<head>
<title> Password match check </title>
</head>
<body>
<h2> Password Match checker </h2>
<form>
<label for = "password"> Password : </label>
<input type = "password" id = "Password" required>
<br> <br>
<label for = "confirm password"> Confirm Password :
</label>
<input type = "password" id = "Confirm password".
required>
<br> <br>
<button type = "button" onclick = "check Password()"> Check </button>
</form>
<p id = "result"> </p>
<script>
function check Password () {
let Password = document.getElementById ("password"). value;
let Confirm password = document.getElementById ("Confirm password"). value;
if (Password == Confirm password) {
document.getElementById ("result").innerHTML = "Passwords are same";
} else {
document.getElementById ("result").innerHTML = "Passwords are not same";
}
}

```

```
( "confirm password" ). value ;  
let result = document.getElementById( "" );  
if (password === "" || confirm password == "") {  
    result.textContent = "please enter both fields";  
    result.style.color = "red";  
} else if (password === confirm password) {  
    result.textContent = "password match!";  
    result.style.color = "green";  
} else {  
    result.textContent = "password do not match";  
    result.style.color = "red";  
}  
  
< / Script >  
< / body >  
< / html >
```

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> number checker </title>
```

```
</head>
```

```
<body>
```

```
<h2> positive negative or zero checker </h2>
```

```
<label for="number"> Enter a number: </label>
```

```
<input type="number" id="number">
```

```
<button onclick="checkNumber()"> check
```

```
</button>
```

```
<p id="result"> </p>
```

```
<script>
```

```
const checkNumber = (num) =>
```

```
{
```

```
    if (num > 0) return "positive";
```

```
    else if (num < 0) return "Negative";
```

```
    else return "zero";
```

```
}
```

```
function checkNumber ()
```

```
{
```

```
    let num = parseFloat(document.getElementById("Number").value);
```

```
    let result = document.getElementById("result");
```

```
if (is NaN (num))  
{  
    result.textContent = "Please enter valid number:";  
    result.style.color = "red";  
}  
else  
{  
    result.textContent = "The number is $ " +  
        checkNumberType (num);  
    result.style.color = "blue";  
}  
</script>  
</body>  
</html>
```

Q3) Write a code in JavaScript for the following:

- 1) To change the background color of the web page automatically after every 5 seconds.
- 2) To display three radio button on the web page namely, "Red", "Blue" and "Green". Selecting any button changes the background color as per the name of the button.

1) `<!DOCTYPE html>`
`<html>`
`<head>`
`<title> Automatically Background color change`
`</title>`
`</head>`
`<body>`
`<h1> Background changes automatically`
`every 5 seconds </h1>`
`<Script>`
`const colors = ["pink", "yellow", "lightblue",`
`"lightgreen", "lavender", "orange"];`

~~SetInterval (() => {
document.body.style.backgroundColor = colors[index];
index = (index + 1) % colors.length;
}, 5000);~~

~~<Script>~~
~~<body>~~
~~</html>~~

2) `<!DOCTYPE html>`
`<html>`
`<head>`
`<title> Manual background color change </title>`
`</head>`
`<body>`

<h2> Select a color to change the background </h2>
<label>

<input type = "radio" name = "color" value = "red"
 onclick = "change color(this.value)"> Blue.
<label>

<input type = "radio" name = "color" value = "green"
 onclick = "change color(this.value)"> Green
<label>

<Script>
function change color(color)

{
 document.body.style.backgroundColor = color;
}

</Script>

</body>

</html>