



Shri Vile Parle Kelavani Mandal's
INSTITUTE OF TECHNOLOGY
DHULE (M.S.)
DEPARMENT OF COMPUTER ENGINEERING

Subject : Web Technology Lab

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Class : S Y Comp.

Batch : S4

Division: B

Expt. No. : 05

Date : 24/03/2025

Remark

Signature

Title : Develop and demonstrate a HTML file that includes JavaScript that uses string functions and Reverse No.

Code:

HTML:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>String Functions & Reverse Number</title>
```

```
<style>
```

```
body {
```

```
    font-family: Arial, sans-serif;
```

```
    text-align: center;
```

```
    margin: 50px;
```

```
}
```

```
input, button {
```

```
    margin: 10px;
```

```
    padding: 8px;
```

```
}
```

```
</style>

</head>

<body>

    <h2>JavaScript String Functions & Reverse Number</h2>

    <!-- Input for String Functions -->
    <label for="textInput">Enter a String:</label>
    <input type="text" id="textInput">
    <button onclick="processString()">Process String</button>

    <p id="uppercase"></p>
    <p id="lowercase"></p>
    <p id="length"></p>
    <p id="reversedString"></p>

    <!-- Input for Number Reversal -->
    <label for="numberInput">Enter a Number:</label>
    <input type="number" id="numberInput">
    <button onclick="reverseNumber()">Reverse Number</button>

    <p id="reversedNumber"></p>

    <script>
        function processString() {
            let input = document.getElementById("textInput").value;

            // 4 string functions

            document.getElementById("uppercase").innerText = "Uppercase: " +
input.toUpperCase();

            document.getElementById("lowercase").innerText = "Lowercase: " +
```

```
input.toLowerCase();
```

```
    document.getElementById("length").innerText = "Length: " + input.length;
```

```
    document.getElementById("reversedString").innerText = "Reversed String: "  
+ input.split("").reverse().join("");
```

```
    }
```

```
function reverseNumber() {
```

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

```
    let reversed = num.toString().split("").reverse().join("");
```

```
    document.getElementById("reversedNumber").innerText = "Reversed  
Number: " + reversed;
```

```
    }
```

```
</script>
```

```
</body>
```

```
</html>
```

Output

JavaScript String Functions & Reverse Number

Enter a String:

Uppercase: PAVAN

Lowercase: pavan

Length: 5

Reversed String: navaP

Enter a Number:

Reversed Number: 097













