Practical no: 5

- **Develop and demonstrate a HTML file that includes JavaScript script that uses
  functions for the following problems:
  a. Parameter: A string
   Output: Length of the String
   b. Parameter: A number
   Output: The number with its digits in the reverse order.**

Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">

   <script>

      function getStringLength(str) {
         return str.length;
      }

      function reverseNumberDigits(num) {

         return parseInt(num.toString().split('').reverse().join('')) ;
      }

      function demoFunctions() {
         let inputString = document.getElementById("inputString").value;
         let stringLength = getStringLength(inputString);
         document.getElementById("stringResult").innerText = "Length: " + stringLength;
      }
      function reversefunction(){

         let inputNumber = document.getElementById("inputNumber").value;
         let reversedNumber = reverseNumberDigits(parseInt(inputNumber));
         document.getElementById("numberResult").innerText = "Reversed: " +
reversedNumber;
      }
```

```
    </script>
</head>
<body>


    <h2>a. String Length</h2>
    <input type="text" id="inputString" placeholder="Enter a string">
    <p id="stringResult"></p>

    <button onclick="demoFunctions()">String Length</button>

    <h2>b. Reverse Number</h2>
    <input type="number" id="inputNumber" placeholder="Enter a number">
    <p id="numberResult"></p>

    <button onclick="reversefunction()">Reverse Number</button>
</body>
</html>
```
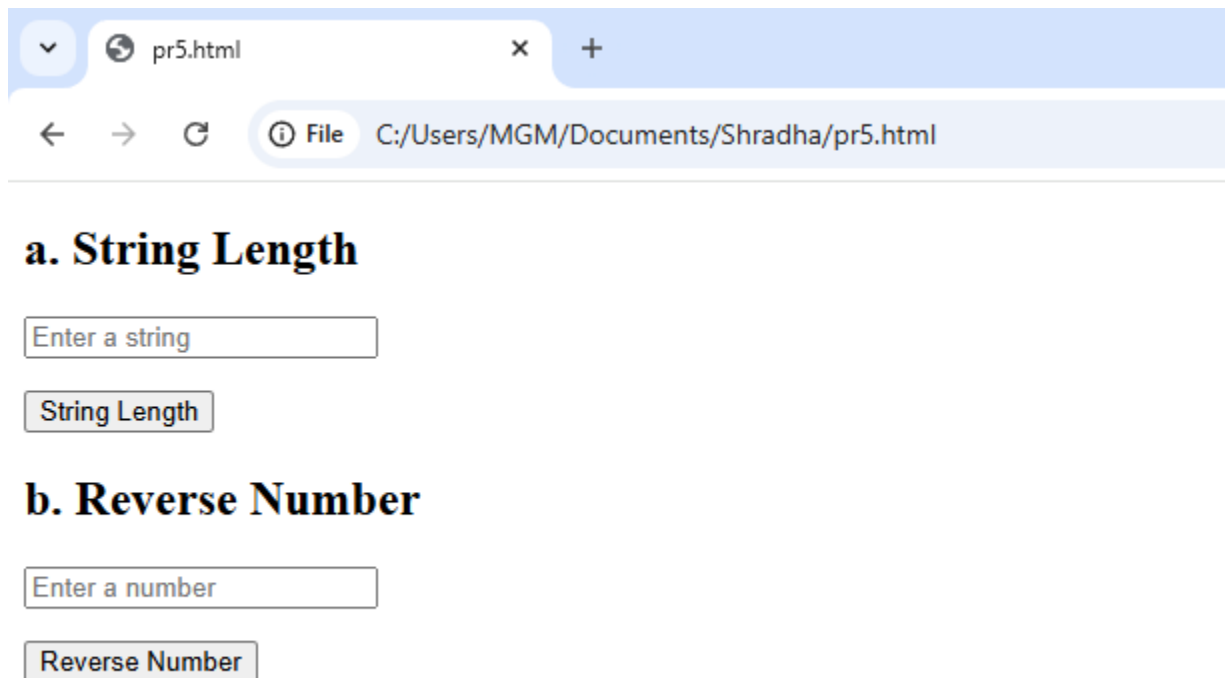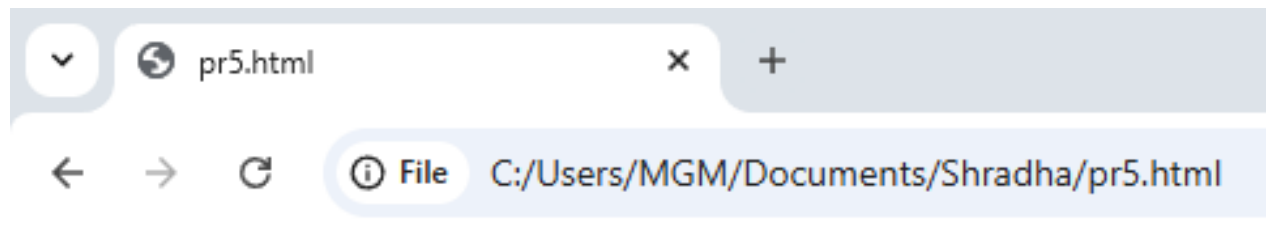
Output:

a. String Length

Shradha

Length: 7

String Length

b. Reverse Number

1234567

Reversed: 7654321

Reverse Number