

Problem 4 : JavaScript General Purpose Exercise

AIM:

Develop and demonstrate a HTML file that includes java script for the following problems

- (i) Produce n Fibonacci numbers
- (ii) Create a function to Reverse a string

PROGRAM CODE:

| | |
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| fibrev.html | <pre> <html> <body> Find Fibonacci series</br> <input type="number" id="fib"> <input type="submit" value="Fibo" onclick=fun()> </br> </br> String Reverse </br> <input type="text" id="re"> <input type="submit" value="Reverse" onclick="rev()"> <h4>Output:</h4> <p id="dis"></p> <script type="text/javascript"> function fun() { var a = 0; var b = 1 var c; var d = [] var n = document.getElementById("fib").value; for (var i = 2; i < n; i++) { c = a + b; a = b; b = c; d[i] = c } d[0] = 0; d[1] = 1; document.getElementById("dis").innerHTML = d; } function rev() { var ne = ""; var x = document.getElementById("re").value; var n = x.length; for (var i = n - 1; i >= 0; i--) { </pre> |
|-------------|--|

```
        }
        document.getElementById("dis").innerHTML = ne
    }
</script>
</body>
</html>
```

RESULT

These are the output display of pages that are specified in the aim of the program

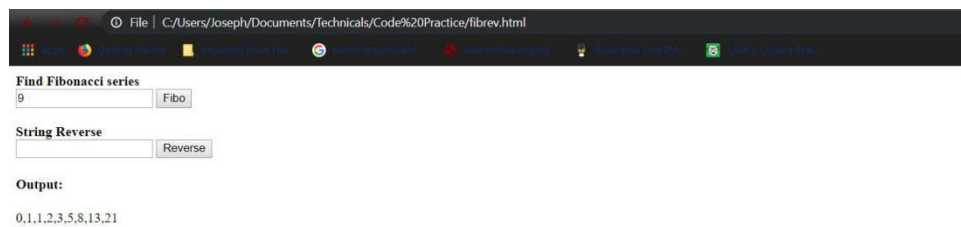


Figure 1: Webpage shows fibonacci series of first 9 numbers



Figure 2: Webpage shows string reverse of “helloworld”