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221IT085

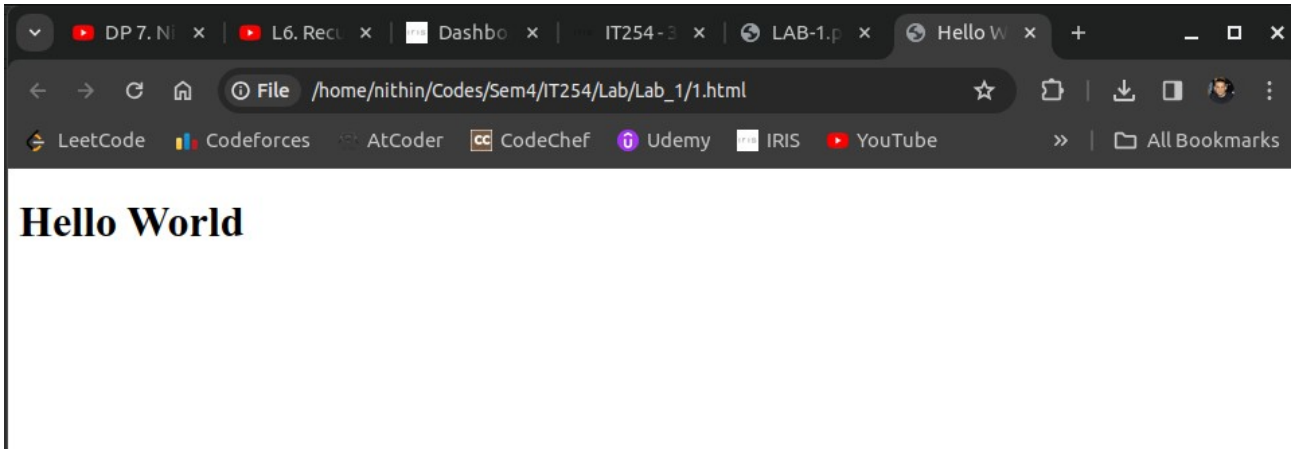
IT254 Lab Assignment - 1

Q1) Write an HTML program to display hello world

CODE

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Hello World</title>
</head>

<body>
    <div>
        <H1>Hello World</H1>
    </div>

</body>

</html>
```

OUTPUT

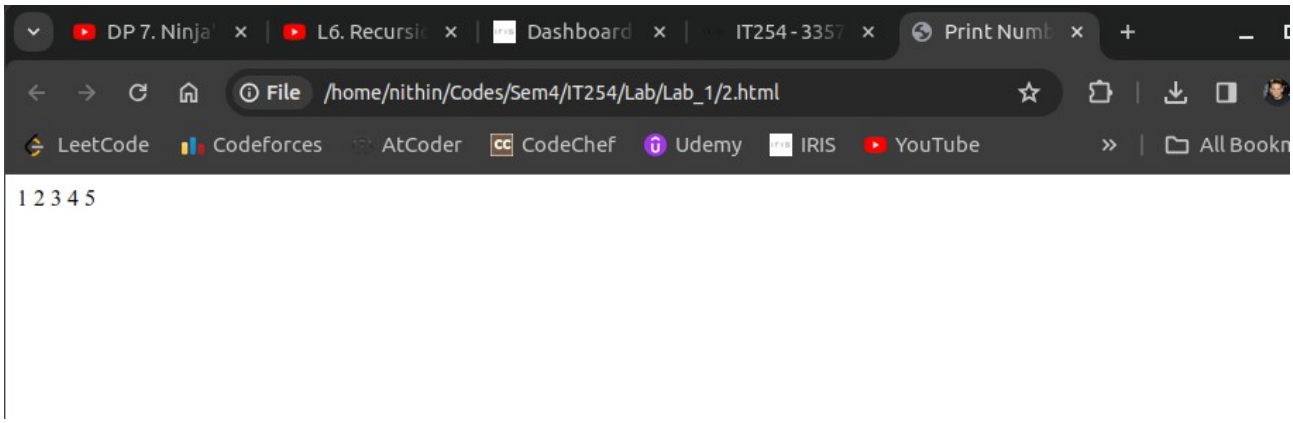


Q2) Write a program to create a webpage to print values 1 to 5

CODE

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Print Numbers</title>
</head>

<body>
    <script>
        const printNums = (n) => {
            for (let i = 1; i <= n; i++) {
                document.write(i + ' ');
            }
        }
        printNums(5);
    </script>
</body>

</html>
```

OUTPUT

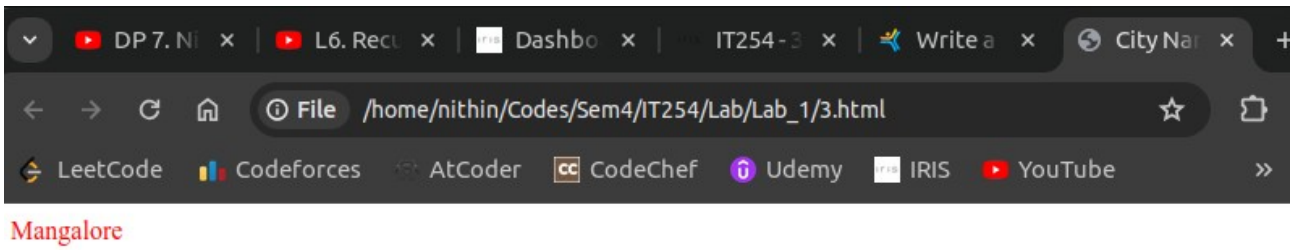


Q3) Write a program to create a webpage to print your city name in red color.

CODE

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>City Name in red color</title>
</head>

<body>
    <font color="red">Mangalore</font>
</body>

</html>
```

OUTPUT

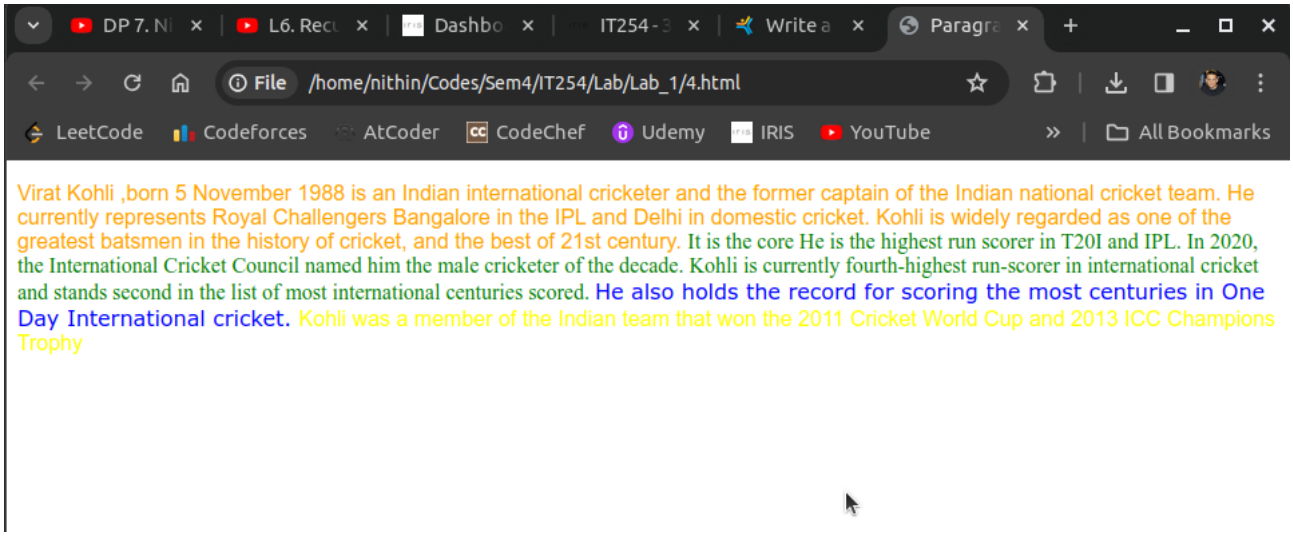


Q4) Write a program to print a paragraph with different font and color..

CODE

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Paragraph</title>
</head>

<body>
    <p>
        <font face="Arial" color="orange">
            Virat Kohli ,born 5 November 1988 is an Indian international cricketer and the former
captain of the Indian
            national cricket team.
            He currently represents Royal Challengers Bangalore in the IPL and Delhi in domestic
cricket.
            Kohli is widely regarded as one of the greatest batsmen in the history of cricket, and the
best of 21st
            century.
        </font>

        <font face="Times New Roman" color="green">It is the core
            He is the highest run scorer in T20I and IPL. In 2020, the International Cricket Council
named him the male
            cricketer of the decade.
            Kohli is currently fourth-highest run-scorer in international cricket and stands second in
the list of most
            international centuries scored.
        </font>

        <font face="Verdana" color="blue">
            He also holds the record for scoring the most centuries in One Day International cricket.
        </font>

        <font face="Helvetica" color="yellow">
            Kohli was a member of the Indian team that won the 2011 Cricket World Cup and 2013 ICC
Champions Trophy
        </font>
    </p>
</body>

</html>
```

OUTPUT



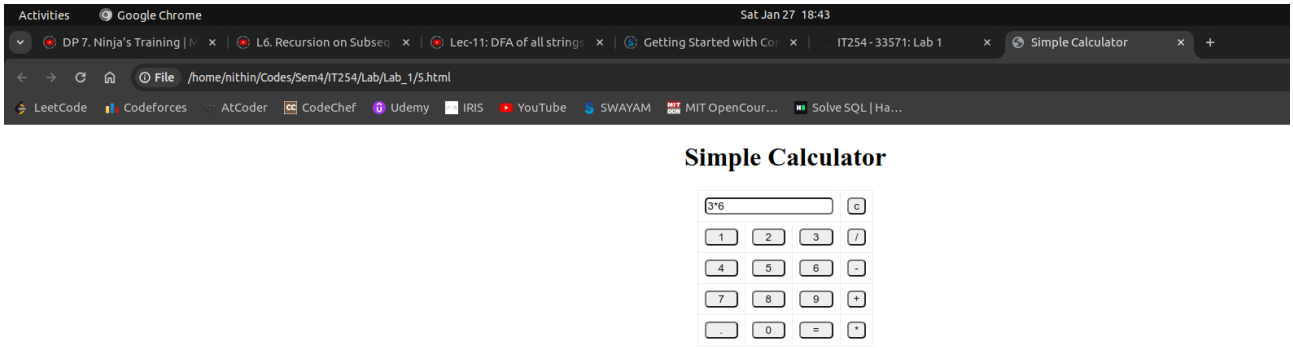
Q5) Write a JavaScript to design a simple calculator to perform the following operations: sum, product, difference and quotient

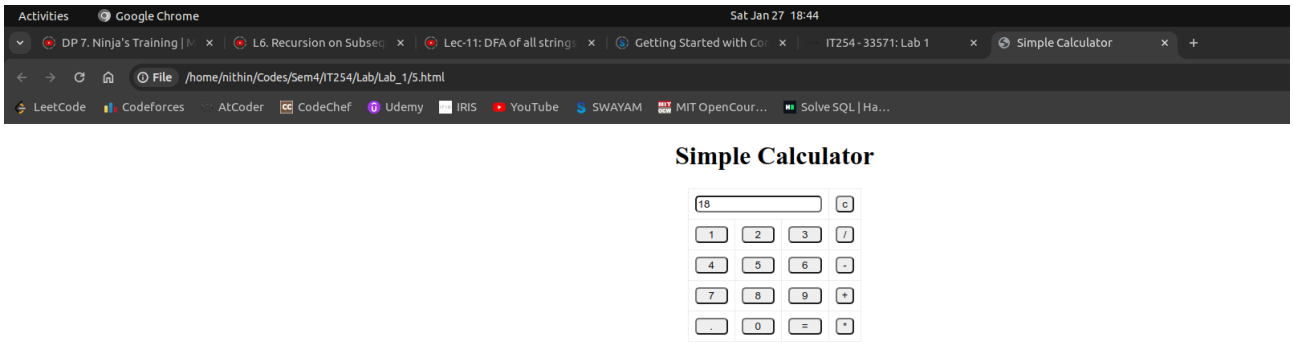
CODE

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Simple Calculator</title>
  <style>
    h1 { text-align: center;}
    table {
      border-collapse: collapse;
      border-radius: 5px;
    }
    table.center {
      margin-left: auto;
      margin-right: auto;
    }
    td, th {
      border: 1px solid #eee;
      text-align: left;
      padding: 8px;
    }
    input[type="button"] {
      background-color: #eee;
      color: #111;
      width: 100%;
      border-radius: 5px;
    }
    input[type="text"] {
      background-color: white;
      width: 95%;
      border-radius: 5px;
    }
  </style>
</head>
<body>

  <h1>Simple Calculator</h1>


  <table class="center">


    <tr>
      <td colspan="3">
        <input type="text" id="result" />
      </td>


      <td>
        <input type="button" value="c" onclick="clearResult()" />
      </td>
    </tr>
```

```
    <tr>

      <td><input type="button" value="1" onclick="displayValue('1')" /> </td>
      <td><input type="button" value="2" onclick="displayValue('2')" /> </td>
      <td><input type="button" value="3" onclick="displayValue('3')" /> </td>
      <td><input type="button" value="/" onclick="displayValue('/')" /> </td>
    </tr>
    <tr>
      <td><input type="button" value="4" onclick="displayValue('4')" /> </td>
      <td><input type="button" value="5" onclick="displayValue('5')" /> </td>
      <td><input type="button" value="6" onclick="displayValue('6')" /> </td>
      <td><input type="button" value="-" onclick="displayValue('-')" /> </td>
    </tr>
    <tr>
      <td><input type="button" value="7" onclick="displayValue('7')" /> </td>
      <td><input type="button" value="8" onclick="displayValue('8')" /> </td>
      <td><input type="button" value="9" onclick="displayValue('9')" /> </td>
      <td><input type="button" value="+" onclick="displayValue('+')" /> </td>
    </tr>


    <tr>
      <td><input type="button" value="." onclick="displayValue('.')" /> </td>
      <td><input type="button" value="0" onclick="displayValue('0')" /> </td>


      <td><input type="button" value="=" onclick="solve()" /> </td>

      <td><input type="button" value="*" onclick="displayValue('*')" /> </td>
    </tr>

  </table>

  <script>

    function displayValue(val) {
      document.getElementById("result").value += val;
    }


    function solve() {
      let x = document.getElementById("result").value;
      let y = eval(x);
      document.getElementById("result").value = y;
    }


    function clearResult() {
      document.getElementById("result").value = "";
    }
  </script>

</body>
</html>
```

OUTPUT


Activities
Google Chrome
Sat Jan 27 18:43
DP 7. Ninja's Training |
L6. Recursion on Subseq
Lec-11: DFA of all strings
Getting Started with Cor
IT254 - 33571: Lab 1
Simple Calculator
File
/home/nithin/Codes/Sem4/IT254/Lab/Lab_1/5.html
LeetCode
Codeforces
AtCoder
CodeChef
Udemy
IRIS
YouTube
SWAYAM
MIT OpenCour...
Solve SQL | Ha...
Simple Calculator
3*6
c
1
2
3
/
4
5
6
-
7
8
9
+
.
0
=
*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File
/home/nithin/Codes/Sem4/IT254/Lab/Lab_1/5.html
LeetCode
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CodeChef
Udemy
IRIS
YouTube
SWAYAM
MIT OpenCour...
Solve SQL | Ha...
Simple Calculator
18
c
1
2
3
/
4
5
6
-
7
8
9
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