```html
<html>
<head>
  <style>
    fieldset {
      background-color: yellow;
    }
  </style>
</head>
<body>
  <form>
    <fieldset style="width:100px;">
      <legend>Student Details</legend>
      <table>
        <tr>
          <td>UserName</td>
          <td><input type="text" id="one"></td>
        </tr>
        <tr>
          <td>Password</td>
          <td><input type="password" id="three"></td>
        </tr>
        <tr>
          <td>Age</td>
          <td><input type="number" id="two"></td>
        </tr>
        <tr>
          <td>DOB</td>
          <td><input type="date" id="birthday" name="birthday"></td>
        </tr>
        <tr>
          <td> Gender </td>
          </td>
          <td colspan="2">
            Male:<input type="radio" id="gen" name="Gender" value="male">
            Female:<input type="radio" id="gen" name="Gender" value="female"> </td>
        </tr>
        <tr>
          <td> Email Id</td>
          <td><input type="email" id="email" name="email"></td>
        </tr>
        <tr>
          <td>Branch</td>
          <td>
            <select>
              <option selected>CSE</option>
              <option>ENTC</option>
              <option>MECH</option>
              <option>CIVIL</option>
```
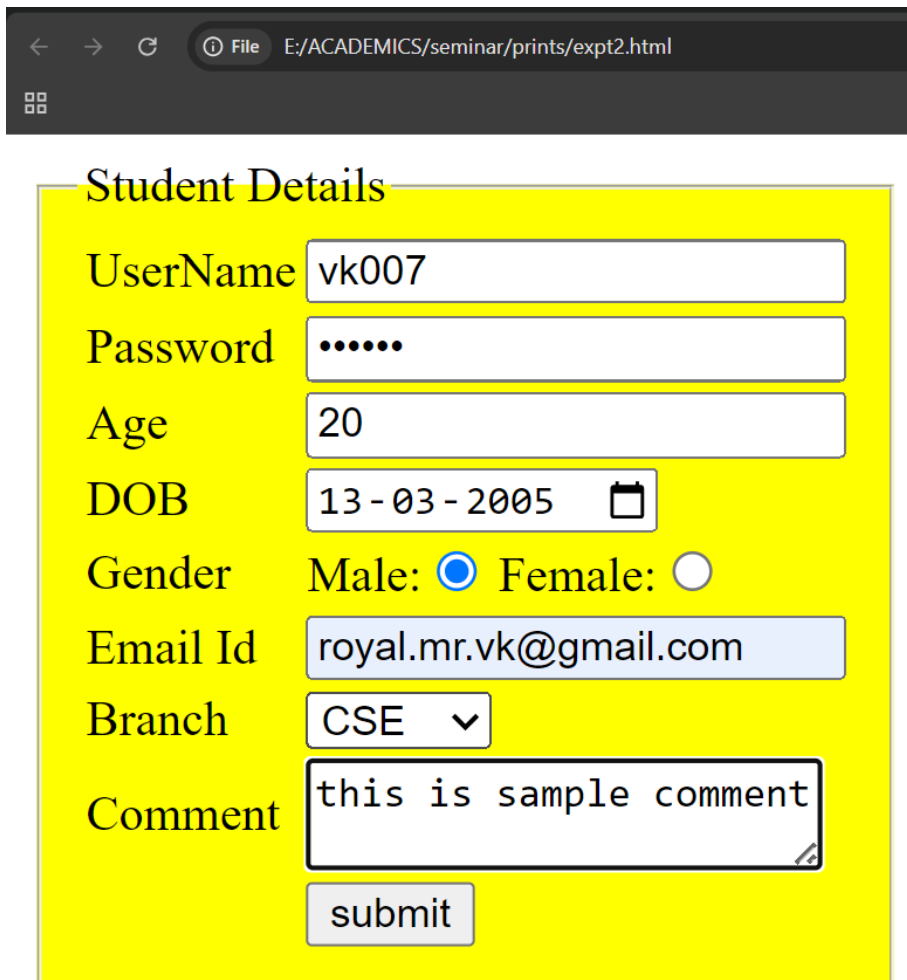
```
            </select>
         </td>
      </tr>
      <tr>
        <td> Comment </td>
        <td><textarea width="600"></textarea></td>
      </tr>
      <tr>
        <td> </td>
        <td> <input type="button" id="four" value="submit"> </td>
      </tr>
    </table>
  </fieldset>
 </form>
</body>
</html>
```

Output :

Experiment No 3

```html
<html> <head>
 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
<style>
    input[type=text] { width: 200px; }
    li { display: inline; padding: 10px; font-size: 25px; }
    header { background-color: green; padding: 10px; }
    nav li a:hover { background-color: red; border-radius: 5px; }
   nav li a { text-decoration: none; }
    .sticky { position: fixed; top: 0; width: 100%; }
    .a, .aboutus, p { text-align: justify; }
    .a { display: flex; margin: 400px 0; padding-right: 20px; font-family: "Times New Roman", Times, serif; }
    #b { background-color: red; padding: 20px; font-size: 20px; }
    #k, #cse { margin-top: 400px; }
 </style> </head>
<body>
<header class="sticky">
    <nav>  <ul>
       <li><img src="" style="height:50px;width:50px;"></li>
       <li style="color:red;">Karmayogi Institute Of Technology</li>
       <li><a href="#home">home</a></li>
       <li><a href="#about">about us</a></li>
       <li><a href="#cse">cse</a></li>
       <li><input type="text" placeholder="search"><button><i class="fa fa-search"></i></button></li>
</ul>  </nav>
  </header>
<section id="home">
    <div class="a" id="k">
```

```html
    <div>

    <p>The trust 'Pandurang Pratishthan' is led by Shri Prashantrao Paricharak under the guidance of Late Shri
Sudhakarpant Paricharak with the motto "Education For All". Late Shri Prashantrao Paricharak has established various
industries and educational institutes successfully. The trust started Karmayogi Polytechnic and later, in 2009, Karmayogi
Engineering College. It has purchased 100 acres near Chandrabhaga river for the college and hostels.</p>

    <a href="#" id="b">learn more <i class="fa fa-arrow-right"></i></a>

    </div>

    <div><img src="C:\Users\AS Lab-09\Desktop\spp1.jpg"></div>

    </div>

    </section>

    <section id="about">

    <div class="aboutus">

    <h1 style="color:red;font-size:30px;font-style:italic;text-decoration:underline;">Karmayogi Institute Of
echnology</h1>

    <a href="n.html"><img src="aa.jpg"></a>

    <p>The Karmayogi Engineering College Shelve Pandharpur, established by Shri Pandurang Pratishtan in 009, is a
private, co-educational, non-autonomous institution. It offers modern facilities like Wi-Fi, AC classrooms, labs, language
lab, library, hostels, gym, seminar halls, cafeterias, 24x7 security, power, transport, ATM, sports, medical, and Xerox
rooms.</p>

    </div>

    </section>

<section id="cse">

    <h1 style="color:red;font-size:30px;font-style:italic;text-decoration:underline;">Computer Science and
Engineering</h1>

    <iframe width="560" height="315" src="https://www.youtube.com/embed/wqCZoWf-0Pw" title="YouTube video
player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-
picture; web-share" allowfullscreen></iframe>

    <div>

    <button onclick="btncolor('green')">green</button>

    <button onclick="btncolor('red')">red</button>

    <button onclick="btncolor('yellow')">yellow</button>

    </div>

    </section>
```

```
<script>

 function btncolor(bg) {

   document.body.style.backgroundColor = bg;

  }

 </script>

</body> </html>
```
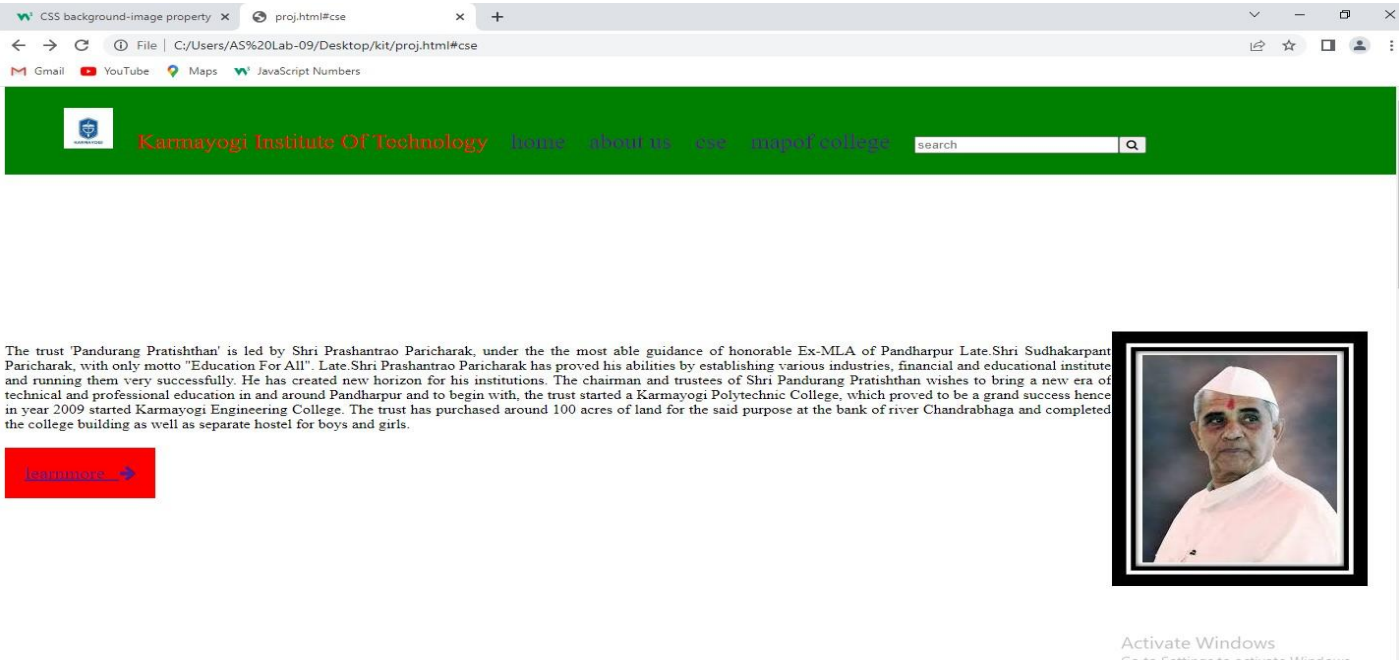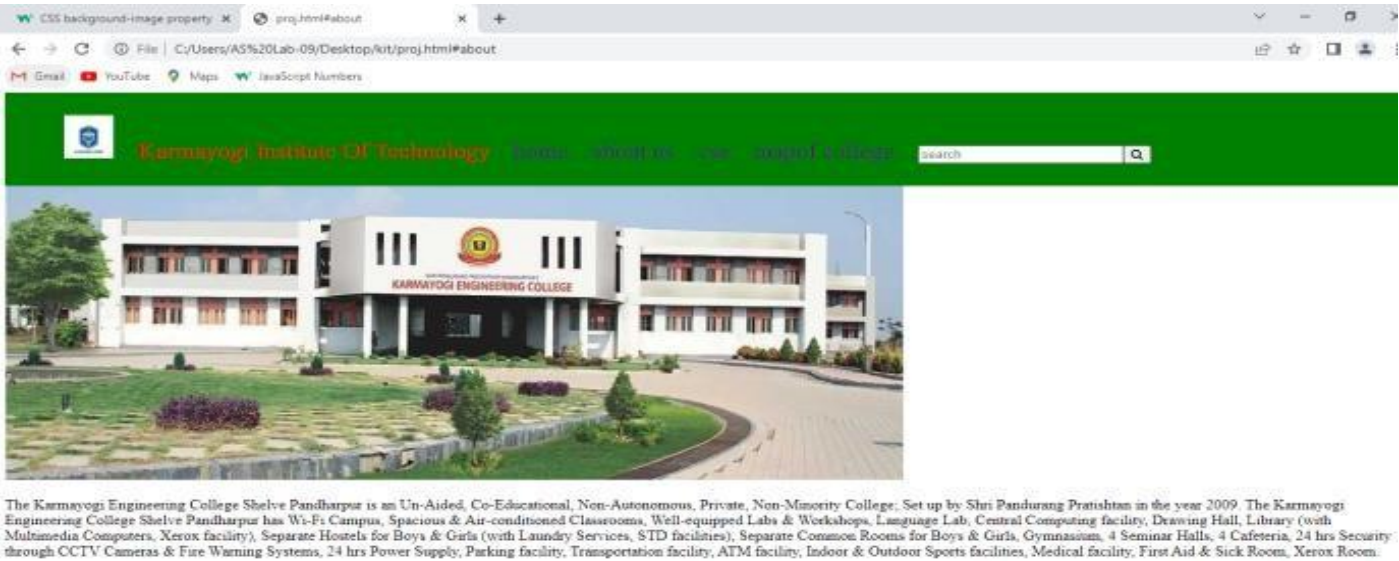
Home page :

After Clicking on About us-

After Clicking on College Image-

After clicking on yellow button-

```
<html>
<head>
    <link rel="stylesheet" href="style.css">
    <title>calculator</title>
</head>
<body>
    <h1 style="text-align:center;">Calculator</h1>
    <form>
        <table align="center">
            <tr>
                <td colspan="4"><input type="text" name="display"></td>
            </tr>
            <tr>
                <td><input type="button" value="1" onclick="display.value+='1'"></td>
                <td><input type="button" value="2" onclick="display.value+='2'"></td>
                <td><input type="button" value="3" onclick="display.value+='3'"></td>
                <td><input type="button" value="+" onclick="display.value+='+'"></td>
            </tr>
            <tr>
                <td><input type="button" value="4" onclick="display.value+='4'"></td>
                <td><input type="button" value="5" onclick="display.value+='5'"></td>
                <td><input type="button" value="6" onclick="display.value+='6'"></td>
                <td><input type="button" value="-" onclick="display.value+='-'"></td>
            <tr>
                <td><input type="button" value="7" onclick="display.value+='7'"></td>
                <td><input type="button" value="8" onclick="display.value+='8'"></td>
                <td><input type="button" value="9" onclick="display.value+='9'"></td>
                <td><input type="button" value="*" onclick="display.value+='*'"></td>
            </tr>
            <tr>
                <td><input type="button" value="0" onclick="display.value+='0'"></td>
                <td><input type="button" value="00" onclick="display.value+='00'"></td>
                <td><input type="button" value="." onclick="display.value+='.'"></td>
                <td><input type="button" value="/" onclick="display.value+='/'"></td>
            </tr>
            <tr>
                <td><input type="button" value="%" onclick="display.value+='%'"></td>
                <td><input type="button" value="AC" onclick="display.value=''"></td>
                <td><input type="button" value="Del" onclick="display.value=display.value.slice(0,-1)"></td>
                <td><input type="button" value="=" onclick="display.value=eval(display.value)"></td>
            </tr>
        </table>
    </form>
</body>
</html>
```
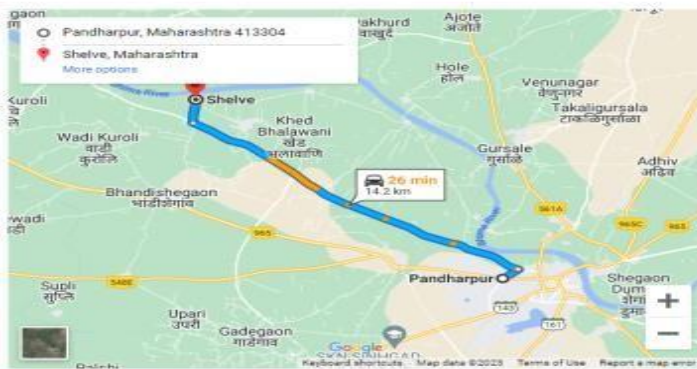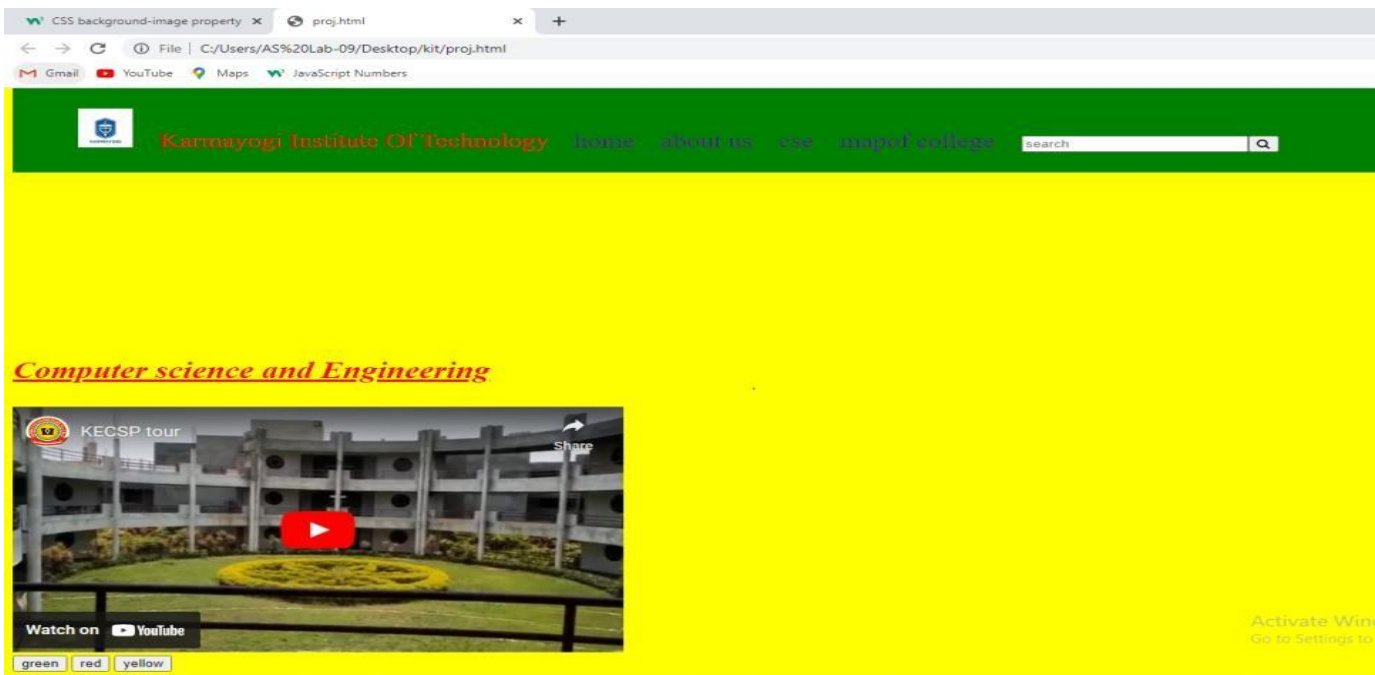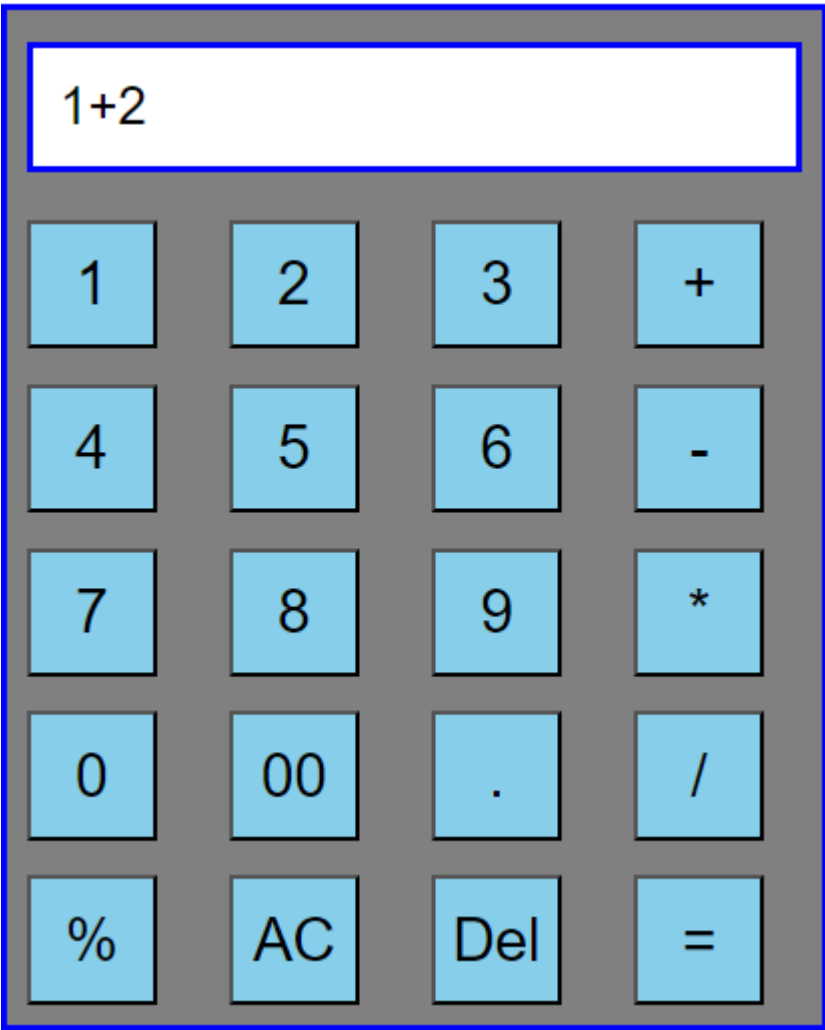
Output-

```html
<html>
 <head>
  <title>User Form with Validation</title>
  <style>
   span {
     color: red;
    }
  </style>
 </head>
 <body>
  <form onsubmit="return fun()">
   <fieldset>
    <legend>Student Details</legend>
    <table>
     <tr>
      <td>Name:</td>
      <td><input type="text" name="name" id="uname" /></td>
     </tr> <tr>
      <td><span id="msg1"></span></td>
     </tr> <tr>
      <td>Mobile No:</td>
      <td><input type="text" name="mobno" id="mob" /></td>
     </tr> <tr>
      <td><span id="msg2"></span></td>
     </tr> <tr>
      <td>Email ID :</td>
      <td><input type="text" name="emailid" id="email" /></td>
     </tr> <tr>
      <td><span id="msg3"></span></td>
     </tr> <tr>
      <td></td>
      <td> <input type="submit" onclick="return fun()" value="Submit" /> </td>
     </tr>
    </table>
   </fieldset>
  </form>
  <script>
   function fun() {
     let valid = true;

     document.getElementById("msg1").innerHTML = "";
     document.getElementById("msg2").innerHTML = "";
     document.getElementById("msg3").innerHTML = "";

     var a = document.getElementById("uname").value;
     var b = document.getElementById("mob").value;
     var c = document.getElementById("email").value;
```

```javascript
      if (a == "") {
        document.getElementById("msg1").innerHTML = "Enter NAME!";
        valid = false;
      }
      if (a.length < 3) {
        document.getElementById("msg1").innerHTML =
          "Enter NAME greater than 3 characters";
        valid = false;
      }
      if (a.length > 20) {
        document.getElementById("msg1").innerHTML =
          "Enter NAME less than 20 characters";
        valid = false;
      }
      if (isNaN(a) == false) {
        document.getElementById("msg1").innerHTML = "Enter NAME not Digit ";
        valid = false;
      }
      if (b == "") {
        document.getElementById("msg2").innerHTML = "Enter MOBILE NUMBER!";
        valid = false;
      }
      if (isNaN(b)) {
        document.getElementById("msg2").innerHTML =
          "Enter MOBILE NUMBER not Characters ";
        valid = false;
      }
      if (c == "") {
        document.getElementById("msg3").innerHTML = "Enter EMAIL ID !";
        valid = false;
      }

      var emailPattern = /^[A-Za-z0-9.]{3,}@[A-Za-z]{3,}[.]{1}[A-Za-z]{2,6}$/;

      if (emailPattern.test(c) == false) {
        document.getElementById("msg3").innerHTML = "Enter Valid EMAIL ID !";
        valid = false;
      }
      return valid;
    }
  </script>
 </body>
</html>Output-
```

Student Details

Name: VK

Enter NAME greater than 3 characters

Mobile No:

Enter MOBILE NUMBER!

Email ID :

Enter Valid EMAIL ID !

Submit

Student Details

Name: Vishal

Mobile No: abc

Enter MOBILE NUMBER not Characters

Email ID :

Enter Valid EMAIL ID !

Submit

Student Details

Name: Vishal

Mobile No: 9960283489

Email ID : xyz@abc
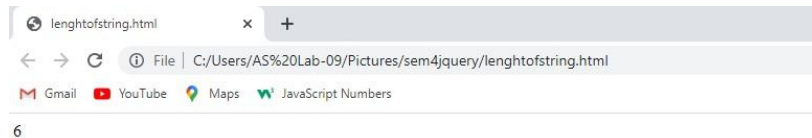
Enter Valid EMAIL ID !

Submit

Experiment no-6

Length of string

```html
<html>
<body>
  <p id="demo"></p>
  <script>
    let text = "hello";
    let i = 0;
    while ((text.charAt(i) != "")) {
       i++;
    }
    document.getElementById("demo").innerHTML = i;
  </script>
</body>
</html>
```

Output-

6

Reverse String-

```html
<html>
<head>
  <title>reverse a string</title>
</head>
<body>
  <p id="abc"></p>
  <script>
    let text = "helllo";
    let rev = "";
    for (let i = text.length; i >= 0; i--) {
       rev += text.charAt(i);
    }
    document.getElementById("abc").innerHTML = rev;
  </script>
</body>
</html>
```
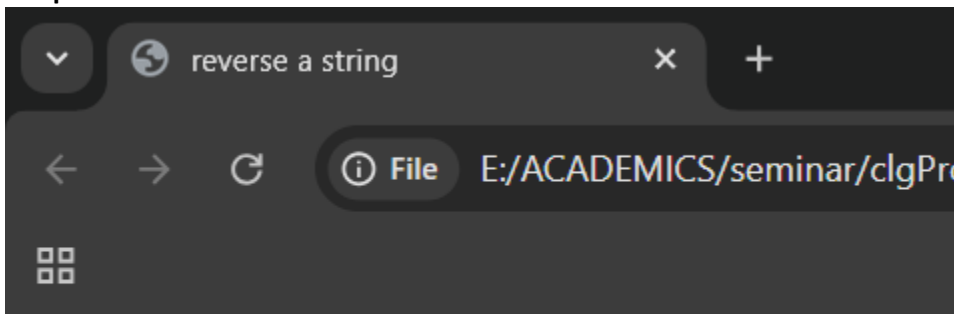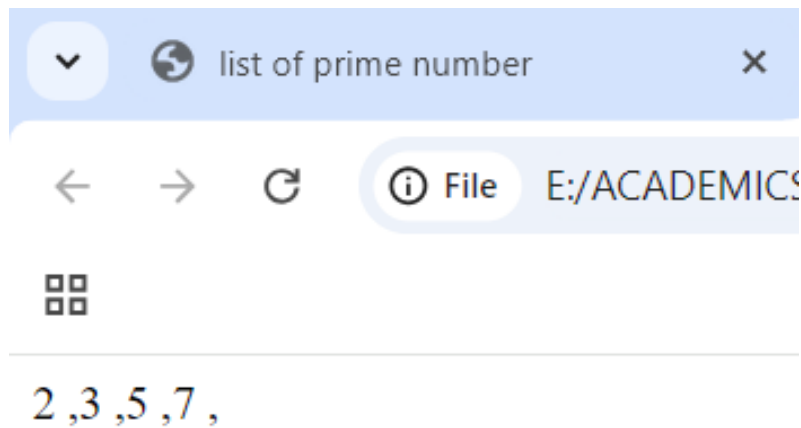
Output-

ollleh

```
<html>
 <head>
   <title>list of prime number</title>
 </head>
 <body>
  <script>
    let start = parseInt(prompt("enter start num : "));
    let end = parseInt(prompt("enter end num : "));
    let isprime = true;

    for (let i = start; i <= end; i++) {
     if (i == 1) {
      i++;
     }
     for (let j = 2; j < i; j++) {
      if (i % j == 0) {
       isprime = false;
       break;
      }
     }
     if (isprime) {
      document.write(i + " ,");
     } else {
      isprime = true;
     }
    }
  </script>
 </body>
</html>
```

list of prime number

File   E:/ACADEMICS

2 ,3 ,5 ,7 ,

Output-

list of prime number

/seminar/clgPrograms/expt%207/list%20primenums.html

This page says

enter start num :

1

OK   Cancel

list of prime number

/seminar/clgPrograms/expt%207/list%20primenums.html

This page says

enter end num :

10

OK   Cancel