

INTERNET AND WEB DESIGN PRACTICALS

PRACTICAL 1:

Develop an HTML document for a web page of your favorite teacher. Design the page With an attractive background color, text color and background image.

```
<html>
<head>
    <title>My Favourite Teacher</title>
</head>
<body background="bg.jpg">
    <center>
        <br> <br><br><br><br><br><br><br><br><br>
        <table height="25%" width="70%" bgcolor="#6fdg30">
            <th> <font size="8">My Favourite Teacher</font>
            </th>
            <tr>
                <td>
                    <font size="5" align="justify">
                        <br>
                        <dd> Mukesh sir is my favourite teacher. He teaches us I&WD.The most important thing about him
                        is that he is talented teacher among all of others. </dd>
                        <br>
                        <dd> I like Internet and Web Designing subject may be that's why he has become my favorite
                        teacher. He is very panctual and he never misses his classes even sometimes he gives us extra
                        time after regular class time. </dd>
                        <br>
                        <dd> We love him for his dedicating mind and good teaching skills. I can understand hard topics
                        when he explained with his explanation skills. so he is my favorite teacher. <dd>
                        <br>
                    </font>
                </td>
            </tr>
        </table>
    </center>
</body>
</html>
```

OUTPUT :-



PRACTICAL 2:

Develop an HTML document for a web page of your favorite National Leader. Design the page with an attractive color combination, with suitable headings and horizontal rules.

```
<html>

  <head>

    <title> My Favourite National Leader</title>

  </head>

  <body bgcolor="blueViolet">

    <center>

      <br /><br /><br /><br /><br /><br /><br /><br /><br /><br />

      <table border="0" height="25%" width="85%" bgcolor="white">

        <th align="center">

          <font size="8" color="blueViolet"><b> My Favourite National Leader</b></font>

        </th>

        <tr>

          <td align="justify">

            <font size="5" color="blueViolet">

              <br />

              Mahatma Gandhi is one of the most celebrated national leaders in the history of India. He was a political and spiritual leader who advocated for nonviolent civil disobedience as a means to achieve India's independence from British colonial rule.

              <br />

              His philosophy of nonviolence, also known as Satyagraha, has inspired many social justice movements around the world. Gandhi's leadership and teachings focused on the values of truth, simplicity, and self-reliance, and he remains an iconic figure of India's struggle for independence.

              <br />

              His legacy and teachings continue to inspire people to strive for a more just and equitable world.

              <br />

            </font>

          </td>

        </tr>

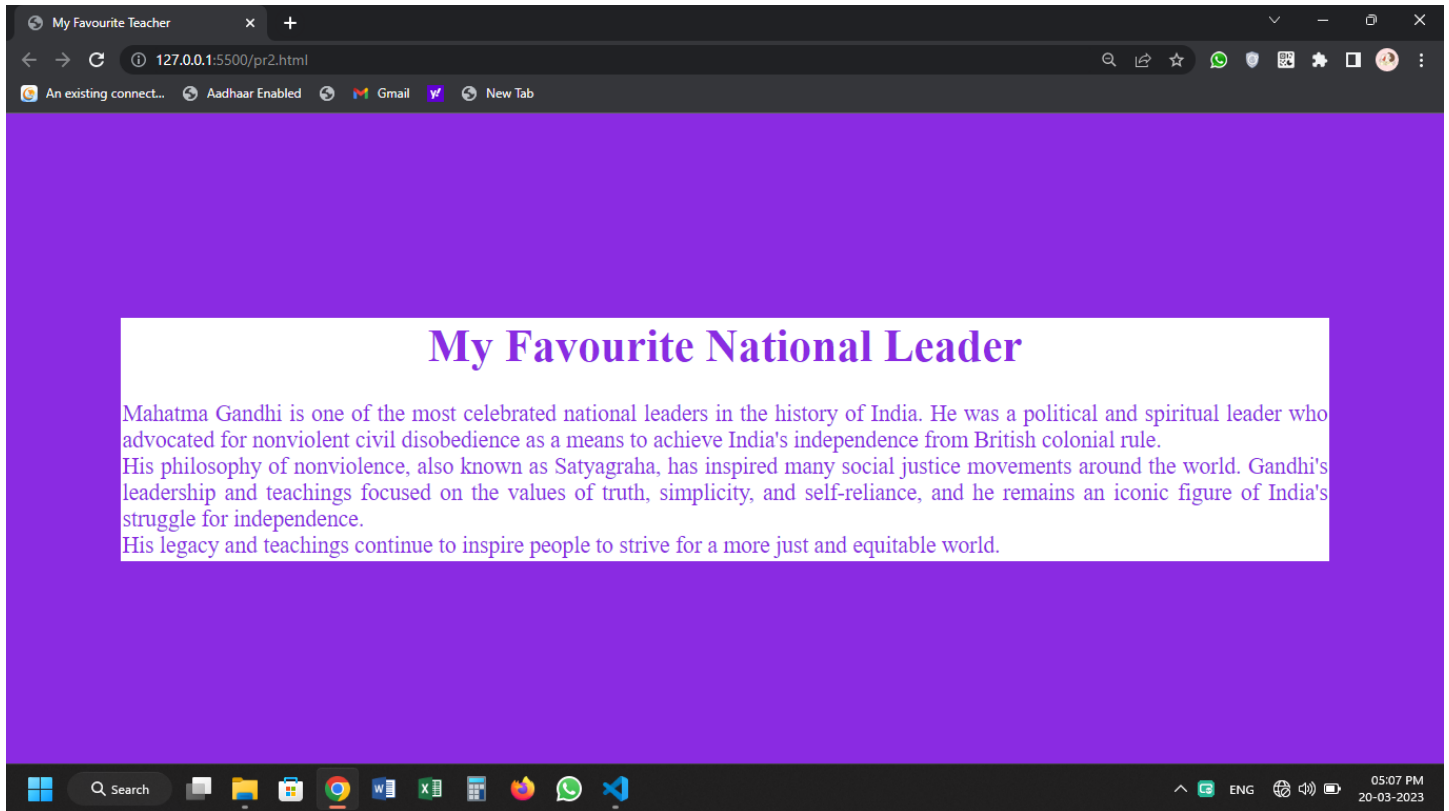
      </table>

    </center>

  </body>

</html>
```

OUTPUT :-



PRACTICAL 3:

Write an HTML document with an example of Ordered List and Unordered List.

```
<html>
  <head>
    <title>Example of Ordered list and Unordered list</title>
  </head>
  <body>
    <h1>Ordered List</h1>
    <ol>
      <li>Item 1</li>
      <li>Item 2</li>
      <li>Item 3</li>
      <li>Item 4</li>
    </ol>
    <h1>Unordered List</h1>
    <ul>
      <li>Item 1</li>
      <li>Item 2</li>
      <li>Item 3</li>
      <li>Item 4</li>
    </ul>
  </body>
</html>
```

OUTPUT: -



Ordered List

1. Item 1
2. Item 2
3. Item 3
4. Item 4

Unordered List

- Item 1
- Item 2
- Item 3
- Item 4



PRACTICAL 4:

Write an HTML document with an example of Ordered List and Unordered List Using Nested list.

```
<html>
  <head>
    <title>Example of Ordered list and Unordered list using nested list</title>
  </head>

  <body>
    <h1>Ordered List within Ordered list</h1>

    <ol>
      <li>Item 1</li>
      <li>Item 2</li>
      <ol type="I">
        <li>Item 1</li>
        <li>Item 2</li>
        <li>Item 3</li>
      </ol>
      <li>Item 3</li>
      <li>Item 4</li>
    </ol>
    <h1>Unordered List within Unordered list</h1>
    <ul>
      <li>Item 1</li>
      <li>Item 2</li>
      <ul type="square">
        <li>Item 1</li>
        <li>Item 2</li>
        <li>Item 3</li>
      </ul>
      <li>Item 3</li>
      <li>Item 4</li>
    </ul>
  </body>
</html>
```

OUTPUT :-

Example of Ordered list and Unordered list

127.0.0.1:5500/pr4.html

An existing connect... Aadhaar Enabled Gmail New Tab

Ordered List within Ordered list

1. Item 1
2. Item 2
 - I. Item 1
 - II. Item 2
 - III. Item 3
3. Item 3
4. Item 4

Unordered List within Unordered list

- Item 1
- Item 2
 - Item 1
 - Item 2
 - Item 3
- Item 3
- Item 4

Search

File Explorer Calendar Chrome Word Excel PowerPoint Firefox WhatsApp VS Code

ENG 05:20 PM 20-03-2023

PRACTICAL 5:

Write an HTML document with an example of Table format to print your Bio-Data.

```
<html>

  <head>

    <title>Bio-Data</title>

  </head>

  <body>

    <h1 align="center">RESUME</h1>

    <hr />

    <table width="100%" align="left">

      <th align="left">

        <h2>Personal Details:-</h2>

      </th>

      <tr>

        <td>Name:</td>

        <td>XYZ </td>

      </tr>

      <tr>

        <td>Father's Name:</td>

        <td>ABC</td>

      </tr>

      <tr>

        <td>Mother's Name:</td>

        <td>MNO </td>

      </tr>

      <tr>

        <td>DOB:</td>

        <td>01/01/2005</td>

      </tr>

      <tr>

        <td>Mobile No:</td>

        <td>+91 1234567899</td>

      </tr>

      <tr>

        <td>Email ID:</td>

        <td><a href="mailto:abcxyz123@gmail.com">abcxyz123@gmail.com</a></td>

      </tr>

      <tr>

        <td>Address:</td>

        <td>At & Post : IDAR , Ta.-IDAR</td>
```



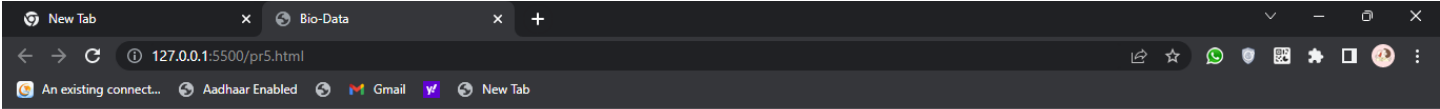
```

        </tr>
</table>
<hr />
<h2 align="left">Educational Qualification:-</h2>
<table border="1" align="left">

    <tr>
        <td>Sr. No. </td>
        <td>Name of Exam</td>
        <td>Board/University</td>
        <td>Passing year</td>
        <td>Percentage</td>
    </tr>
    <tr>
        <td>1 </td>
        <td>SSC</td>
        <td>GSEB</td>
        <td>2020</td>
        <td>78%</td>
    </tr>
    <tr>
        <td>2</td>
        <td>HSC</td>
        <td>GSEB</td>
        <td>2022</td>
        <td>89%</td>
    </tr>
</table>
</body>
</html>

```

OUTPUT : -



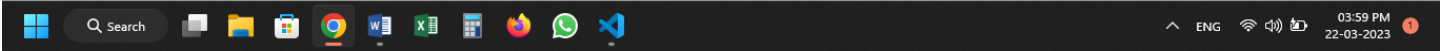
RESUME

Personal Details:-

Name:	XYZ
Father's Name:	ABC
Mother's Name:	MNO
DOB:	01/01/2005
Mobile No:	+91 1234567899
Email ID:	abcxyz123@gmail.com
Address:	At & Post : IDAR , Ta.-IDAR

Educational Qualification:-

Sr. No.	Name of Exam	Board/University	Passing year	Percentage
1	SSC	GSEB	2020	78%
2	HSC	GSEB	2022	89%



PRACTICAL 6:

Write an HTML document to create complex Table like Telephone Bill, Mark sheet, Time-table.

```
<html>
  <head>
    <title>Marksheet</title>
  </head>

  <body>
    <table border="1" bgcolor="white" align="center" width="80%">
      <th>
        
        <h1 align="left">HNGU</h1>
        <h2 align="left">HEMCHANDRYACHARYA NORTH GUJARAT UNIVERSITY</h2>
      </th>
    </table>

    <table border="1" align="center" width="80%">
      <tr>
        <th>Seat No:</th>
        <th colspan="2">Name</th>
        <th>Enrollment no.</th>
      </tr>
      <tr>
        <th>001</th>
        <th colspan="2" align="left">UCHIHA MADARA</th>
        <th>BCA23458945671</th>
      </tr>
      <tr>
        <th>COLLEGE</th>
        <th>CENTER</th>
        <th>SUBJECT</th>
        <th>COMBINATION CODE</th>
      </tr>
      <tr>
        <th width="20%" align="center">THE IDAR NAGRIK SAHKARI BANK LTD. INSTITUTE OF INFORMATION TECHNOLOGY, IDAR</th>
        <th>A&C COLL, IDAR</th>
        <th></th>
        <th width="20%">1011025</th>
      </tr>
    </table>

    <table border="1" align="center" width="80%">
      <tr bgcolor="#99452f" style="color: white; font-weight: bold;">
        <td align="center" rowspan="2">Subject</td>
        <td align="center" colspan="3">EXTERNAL</td>
        <td align="center" colspan="3">INTERNAL</td>
        <td align="center" colspan="3">TOTAL</td>
      <tr>
        <td align="center" colspan="3">GRADE</td>
      </tr>
      <tr bgcolor="#99452f" align="center" style="color: white;">
        <td>Max</td>
        <td>Min</td>
        <td>OBT.</td>
        <td>Max</td>
        <td>Min</td>
        <td>OBT.</td>
        <td>Max</td>
        <td>Min</td>
        <td>OBT.</td>
      </tr>
      <tr align="center">
        <td align="left">FUNDAMENTALS OF PROGRAMMING LANGUAGE- 'C'</td>
        <td>70</td>
        <td>28</td>
        <td>53</td>
        <td>30</td>
        <td>12</td>
        <td>29</td>
        <td>100</td>
        <td>40</td>
        <td>82</td>
      <tr>
        <td>A</td>
```

```

</tr>
<tr align="center">
  <td align="left">DATABASE MANAGEMENT SYSTEM</td>
  <td>70</td>
  <td>28</td>
  <td>53</td>
  <td>30</td>
  <td>12</td>
  <td>28</td>
  <td>100</td>
  <td>40</td>
  <td>81</td>
  <td>A</td>
</tr>
<tr align="center">
  <td align="left">COMPUTER ORGANIZATION</td>
  <td>70</td>
  <td>28</td>
  <td>41</td>
  <td>30</td>
  <td>12</td>
  <td>29</td>
  <td>100</td>
  <td>40</td>
  <td>70</td>
  <td>B</td>
</tr>
<tr align="center">
  <td align="left">COMMUNICATION SKILLS</td>
  <td>70</td>
  <td>28</td>
  <td>52</td>
  <td>30</td>
  <td>12</td>
  <td>29</td>
  <td>100</td>
  <td>40</td>
  <td>81</td>
  <td>A</td>
</tr>
<tr align="center">
  <td align="left">PRACTICAL:FUNDAMENTALS OF PROGRAMMING LANGUAGE-'C'</td>
  <td>70</td>
  <td>28</td>
  <td>52</td>
  <td>30</td>
  <td>12</td>
  <td>28</td>
  <td>100</td>
  <td>40</td>
  <td>80</td>
  <td>A</td>
</tr>
<tr align="center">
  <td align="left">PRACTICAL: DATABASE MANAGEMENT SYSTEM</td>
  <td>70</td>
  <td>28</td>
  <td>63</td>
  <td>30</td>
  <td>12</td>
  <td>29</td>
  <td>100</td>
  <td>40</td>
  <td>92</td>
  <td>A+</td>
</tr>
<tr align="center">
  <td colspan="12">&nbsp;</td>
</tr>
</table>

<table border="1" align="center" width="80%" cellpadding="5px">
  <tr align="center">
    <td><b>UNIVERSITY TOTAL</b></td>
    <td><b>INTERNAL TOTAL</b></td>
    <td><b>GRAND TOTAL</b></td>
    <td><b>PERCENTAGE</b></td>
  </tr>

```

```

        <td><b>SGPA</b></td>
        <td><b>RESULT</b></td>
    </tr>
    <tr align="center">
        <td>420</td>
        <td>180</td>
        <td>600</td>
        <td rowspan="2">81%</td>
        <td rowspan="2">9</td>
        <td rowspan="2">PASS</td>
    </tr>
    <tr align="center">
        <td>314</td>
        <td>172</td>
        <td>486</td>
    </tr>
</table>
</body>
</html>

```

OUTPUT: -

The screenshot shows a web browser window with the URL 127.0.0.1:5500/pr6.html. The page displays the HNGU (Hemchandryacharya North Gujarat University) Marks Sheet for the student BCA23458945671. The page includes the university logo and name, followed by a table with student details (Seat No: 001, Name: UCHIHA MADARA, Enrollment no: BCA23458945671). Below this is a table showing marks for various subjects, including Fundamentals of Programming Language-C, Database Management System, Computer Organization, Communication Skills, Practical Fundamentals of Programming Language-C, and Practical Database Management System. The table also includes a summary section with University Total, Internal Total, Grand Total, Percentage (81%), SGPA (9), and Result (PASS).

Seat No:	Name	Enrollment no.
001	UCHIHA MADARA	BCA23458945671
COLLEGE	CENTER	SUBJECT
THE IDAR NAGRIK SAHKARI BANK LTD. INSTITUTE OF INFORMATION TECHNOLOGY, IDAR	A&C COLL, IDAR	
COMBINATION CODE		
1011025		

Subject	EXTERNAL			INTERNAL			TOTAL			GRADE
	Max	Min	OBT.	Max	Min	OBT.	Max	Min	OBT.	
FUNDAMENTALS OF PROGRAMMING LANGUAGE-'C'	70	28	53	30	12	29	100	40	82	A
DATABASE MANAGEMENT SYSTEM	70	28	53	30	12	28	100	40	81	A
COMPUTER ORGANIZATION	70	28	41	30	12	29	100	40	70	B
COMMUNICATION SKILLS	70	28	52	30	12	29	100	40	81	A
PRACTICAL FUNDAMENTALS OF PROGRAMMING LANGUAGE-'C'	70	28	52	30	12	28	100	40	80	A
PRACTICAL DATABASE MANAGEMENT SYSTEM	70	28	63	30	12	29	100	40	92	A+

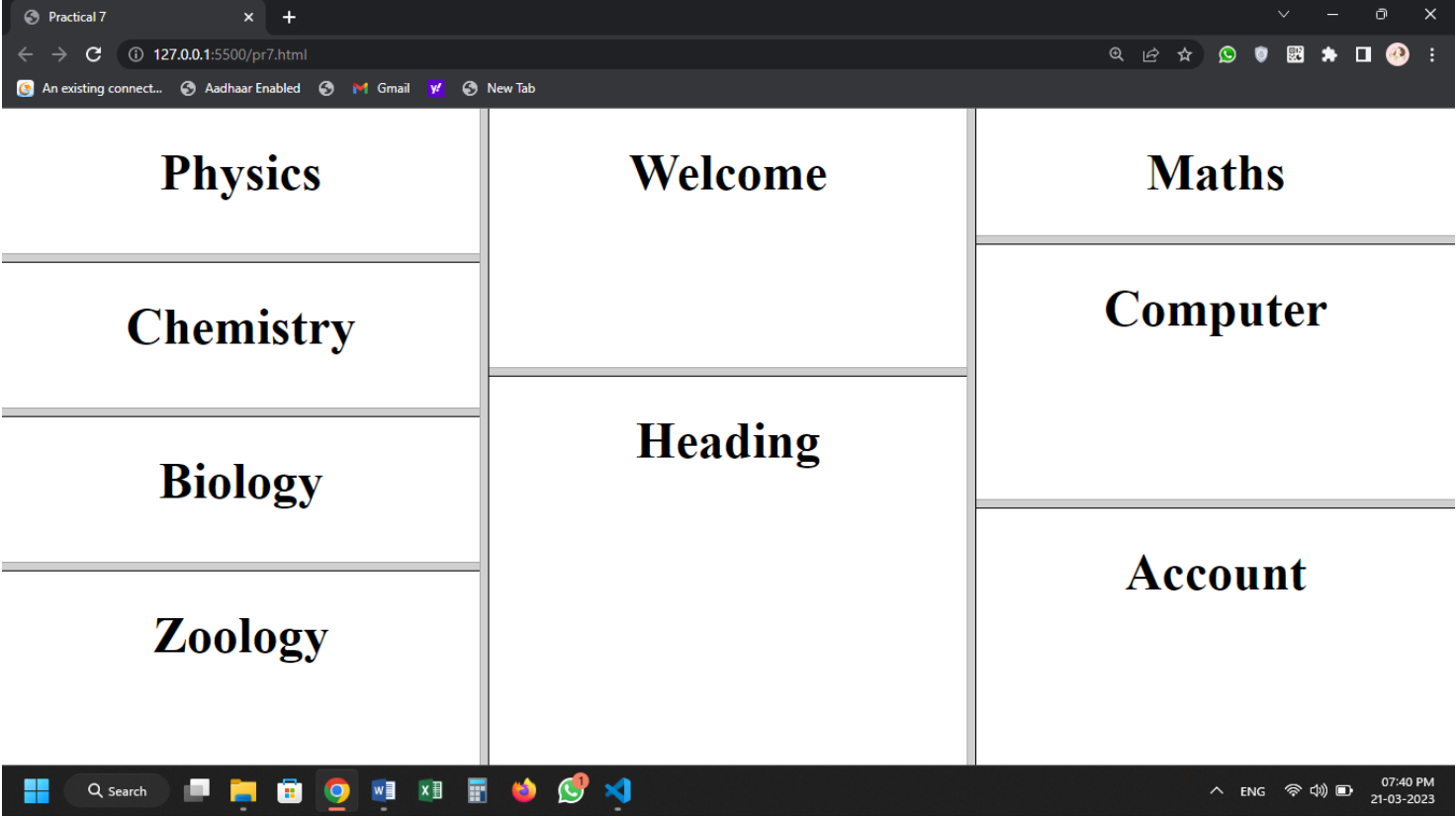
UNIVERSITY TOTAL	INTERNAL TOTAL	GRAND TOTAL	PERCENTAGE	SGPA	RESULT
420	180	600	81%	9	PASS
314	172	486			

PRACTICAL 7:

Write the Frameset tags and Frame tags for the following frameset.

```
<html>
  <head>
    <title>Practical 7</title>
    <frameset cols="33%,33%,33%">
      <frameset rows="18.75%,18.75%,18.75%,25%">
        <frame src="physics.html">
        <frame src="chemistry.html">
        <frame src="biology.html">
        <frame src="zoology.html">
      </frameset>
    <frameset rows="40%, 60%">
      <frame src="Welcome.html">
      <frame src="heading.html">
    </frameset>
    <frameset rows="20%,40%,40%">
      <frame src="maths.html">
      <frame src="computer.html">
      <frame src="account.html">
    </frameset>
  </frameset>
</head>
<body>
</body>
</html>
```

OUTPUT : -



PRACTICAL 8:

Develop a complete web page using Frames and Frameset which gives the Information about Hospital.

→ hospitalmenu.html

```
<html>
<head>
    <title>Hospital Menu</title>
</head>
<body bgcolor="yellow">
    <h2>
        <ol>
            <li><a href="#">Hospital Menu - 1</a></li>
            <li><a href="#">Hospital Menu - 2</a></li>
            <li><a href="#">Hospital Menu - 3</a></li>
            <li><a href="#">Hospital Menu - 4</a></li>
        </ol>
    </h2>
</body>
</html>
```

→ HospitalBody.html

```
<html>
    <head>
        <title>Hospital Body</title>
    </head>
    <body bgcolor="red">
        <h2>
            <ol>
                <li><a href="#">Hospital Body - 1</a></li>
                <li><a href="#">Hospital Body - 2</a></li>
                <li><a href="#">Hospital Body - 3</a></li>
                <li><a href="#">Hospital Body - 4</a></li>
            </ol>
        </h2>
    </body>
</html>
```

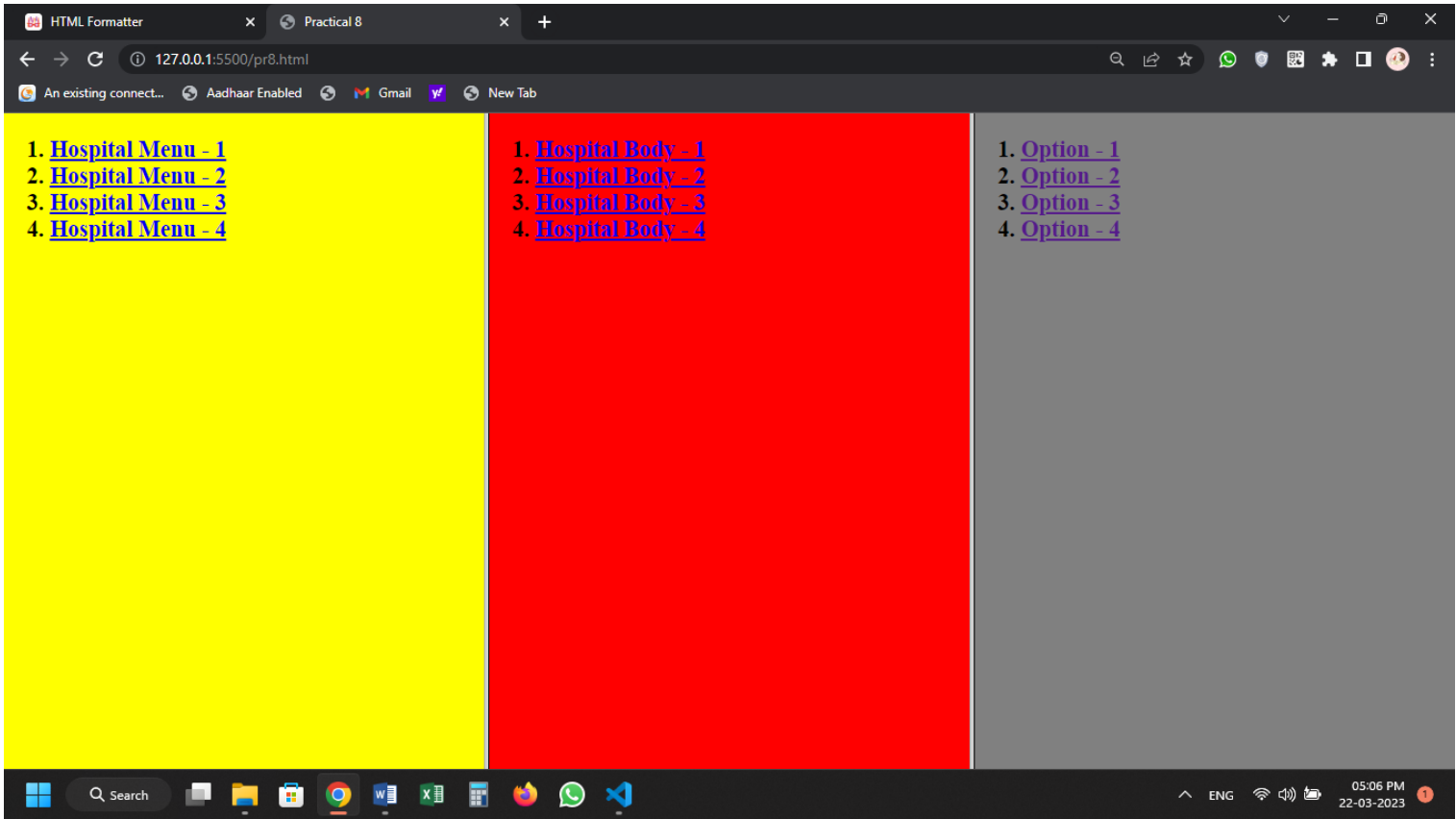

→ optional.html

```
<html>
  <head>
    <title>Optional Right Frame</title>
  </head>
  <body bgcolor="Gray">
    <h2>
      <ol>
        <li><a href="#">Option - 1</a></li>
        <li><a href="#">Option - 2</a></li>
        <li><a href="#">Option - 3</a></li>
        <li><a href="#">Option - 4</a></li>
      </ol>
    </h2>
  </body>
</html>
```

→ Main.html

```
<html>
  <head>
    <title>Practical 8</title>
    <frameset cols="33%, 33%, 33%">
      <frame src="hospitalmenu.html">
      <frame src="HospitalBody.html">
      <frame src="optional.html">
    </frameset>
  </head>
  <body>
  </body>
</html>
```

OUTPUT : -



PRACTICAL 9:

Write an HTML code for designing the subscription form of mail account in the email Website with appropriate fields.

```
<html>

  <head>

    <title>E-mail Subscription Form</title>

  </head>

  <body>

    <center>

      <table border="2" width="50%" cellpadding="10px">

        <tr>

          <th colspan="2">

            <h1 color="yellow"><font color="red" size="6" face="Arial">Subcription form of  
E-Mail Account</font></h1>

          </th>

        </tr>

        <form action="success.html" target="_blank">

          <tr>

            <td><b>First Name:</b></td>

            <td><input type="text" name="f_name" placeholder="Enter your first  
name" /></td>

          </tr>

          <tr>

            <td><b>Last Name:</b></td>

            <td><input type="text" name="l_name" placeholder="Enter your last  
name" /></td>

          </tr>

          <tr>

            <td><b>Date of Birth:</b></td>

            <td><input type="date" name="dob" /></td>

          </tr>

          <tr>

            <td><b>Gender:</b></td>

            <td><input type="radio" name="gender" />Male <input type="radio"  
name="gender" />Female</td>

          </tr>

        </form>

      </table>

    </center>

  </body>

</html>
```

```

<tr>

    <td><b>Mobile Number:</b></td>

    <td><input type="number" name="ph_no" placeholder="Enter your Mobile
    No." /> </td>

</tr>

<tr>

    <td><b> Select your Country:</b></td>

    <td>

        <select name="country">

            <option value="default" hidden>Select your country</option>
            <option value="ind ">India</option>
            <option value="pak">Pakistan</option>
            <option value="shri_lanka">Shri-Lanka</option>
            <option value="Bhutan">Bhutan</option>
            <option value="usa">USA</option>
            <option value="uk">UK</option>
            <option value="russ">Russia</option>
            <option value="china">China</option>
            <option value="nepal">Nepal</option>

        </select>

    </td>

</tr>

<tr>

    <td><b>Enter username:</b></td>

    <td><input type="text" name="usr_name" placeholder="Enter your
    username" /></td>

</tr>

<tr>

    <td> <b>Enter password:</b></td>

    <td><input type="password" name="pass" placeholder="Enter password"
    /></td>

</tr>

<tr>

    <td> <b>Confirm password:</b></td>

    <td><input type="password" name="c_pass" placeholder="Confirm
    password" /></td>

</tr>

```

```

        <tr>
            <td align="center"><input type="submit" name="submit" /></td>
            <td align="center"><input type="reset" name="reset" /></td>
        </tr>
    </form>
</table>
</center>
</body>
</html>

```

OUTPUT :-

Subscription form of E-Mail Account

First Name:

Last Name:

Date of Birth:

Gender: ☐ Male ☐ Female

Mobile Number:

Select your Country:

Enter username:

Enter password:

Confirm password:

PRACTICAL 10:

Write an example of External Style Sheet.

HTML

```
<html>

  <head>

    <title>External Style Sheet Example</title>

    <link rel="stylesheet" href="style.css" />

  </head>

  <body>

    <h1>Practical 8</h1>

    <p>This Practical shows the example of External CSS file.</p>

  </body>

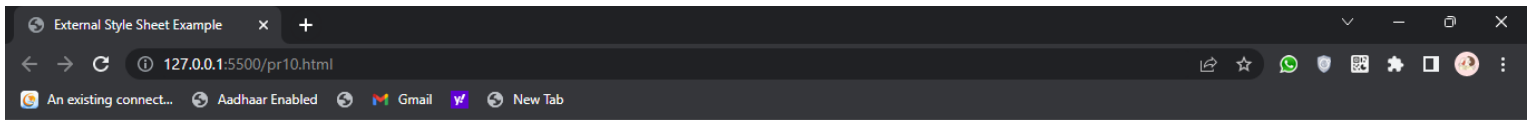
</html>
```

CSS

```
h1{
  text-align: center;
  color: red;
  font-size: 100px;
}

p{
  text-align: center;
  color: red;
  font-size: 40px;
}
```

OUTPUT : -



Practical 10

This Practical shows the example of External CSS file.

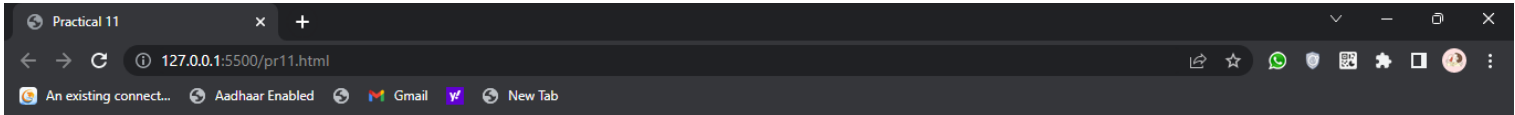


PRACTICAL 11:

Write HTML program which contains Inline Style sheet for <p>, <h1> and <body> tags.

```
<html>
  <head>
    <title>Practical 11 </title>
  </head>
  <body>
    <h1 style="color:red; text-align: center; font-size: 50px;">This is Heading</h1>
    <p style="color:blue; text-align: center; font-size: 30px;">This is paragraph.</p>
  </body>
</html>
```

OUTPUT :-



This is Heading

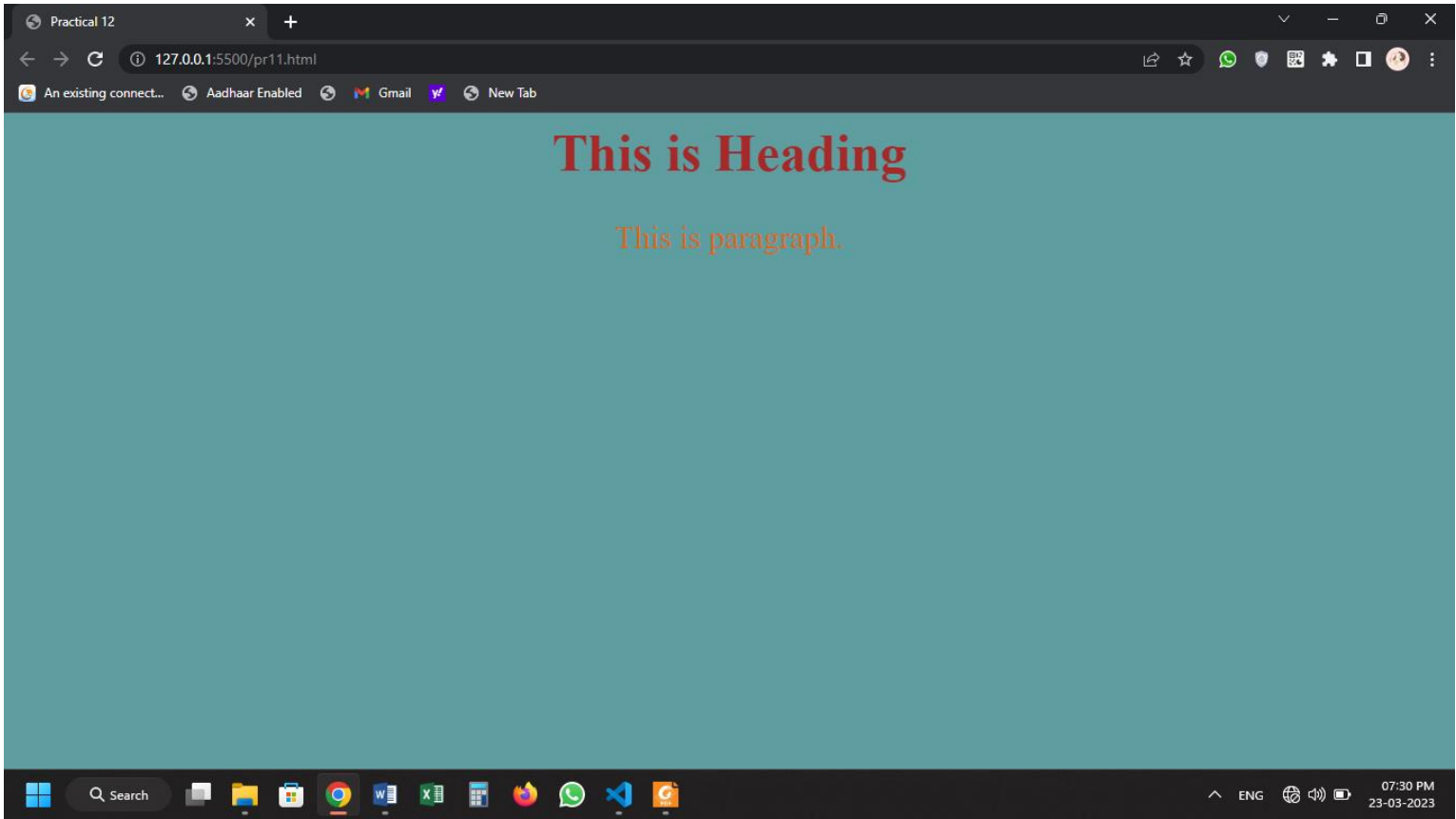
This is paragraph.

PRACTICAL 12:

Write HTML program which contains Internal Style sheet for <p>, <h1> and <body> tags.

```
<html>
<head>
  <title>Practical 12</title>
  <style type="text/css">
    body{
      background-color: cadetblue;
    }
    h1{
      text-align: center;
      font-size: 50px;
      color:brown;
    }
    p{
      text-align: center;
      font-size: 30px;
      color: chocolate;
    }
  </style>
</head>
<body>
  <h1>This is Heading</h1>
  <p>This is paragraph.</p>
</body>
</html>
```

OUTPUT : -



PRACTICAL 13:

Describe yourself on a webpage and experiment with colors in bgcolor, text, and link, try out different and sizes and also the other tags you studies so far, such as the rules tag as well as.

```
<html>
  <head>
    <title>Practical 13</title>
    <style type="text/css">
      body {
        background-color: #f5f5f5;
        font-family: Arial, sans-serif;
        font-size: 16px;
        margin: 0;
        padding: 0;
        color: #333;
      }
      h1 {
        background-color: #008080;
        color: #fff;
        padding: 20px;
        text-align: center;
        font-size: 24px;
        font-weight: bold;
        margin-bottom: 20px;
      }
      h2 {
        font-size: 24px;
        margin-bottom: 20px;
        color: #008080;
      }
      p {
        margin-bottom: 20px;
      }
      a {
        color: #008080;
```

```

        text-decoration: none;
        border-bottom: 2px solid #008080;
    }
    hr {
        border: none;
        height: 1px;
        background-color: #ddd;
        margin: 20px 0;
    }
    div {
        width: 90%;
        margin: 0 auto;
        padding: 20px;
    }
</style>
</head>
<body>
    <div>
        <h1>About My Self</h1>
        <h2>About Me</h2>
        <p align="justify">
My name is XYZ, i am 18-year-old BCA (Bachelor of Computer Applications) student from
IDAR. As a BCA student, i must be learning programming languages, software
development, computer networking, and various other topics related to the field of
computer science. Overall, i'm young person with a passion for technology and a bright
future ahead of i continue to learn and grow in my academic and personal pursuits.

        </p>
        <h2>Hobbies</h2>
        <ul>
            <li>Reading</li>
            <li>Writing</li>
        </ul>
        <h2>Education</h2>
        <p>I am currently pursuing my Bachelor of Computer Applications (BCA) from INSB
BCA & PGDCA COLLEGE, IDAR and I passed out my SSC and HSC from Sheth J.J. Desai
highschool.</p>
        <h2>Skills</h2>

```

```
<ul>
  <li>Programming languages: C</li>
  <li>Web development: HTML, CSS, JavaScript, Bootstraps</li>
  <li>Operating systems: Windows, Linux</li>
</ul>

<h2>Contact Me</h2>

<p>Feel free to <a href="mailto:xyz123@gmail.com.com">email me</a> or connect
with me on <a href="https://www.linkedin.com/in/xyz"
target="_blank">LinkedIn</a>.</p>

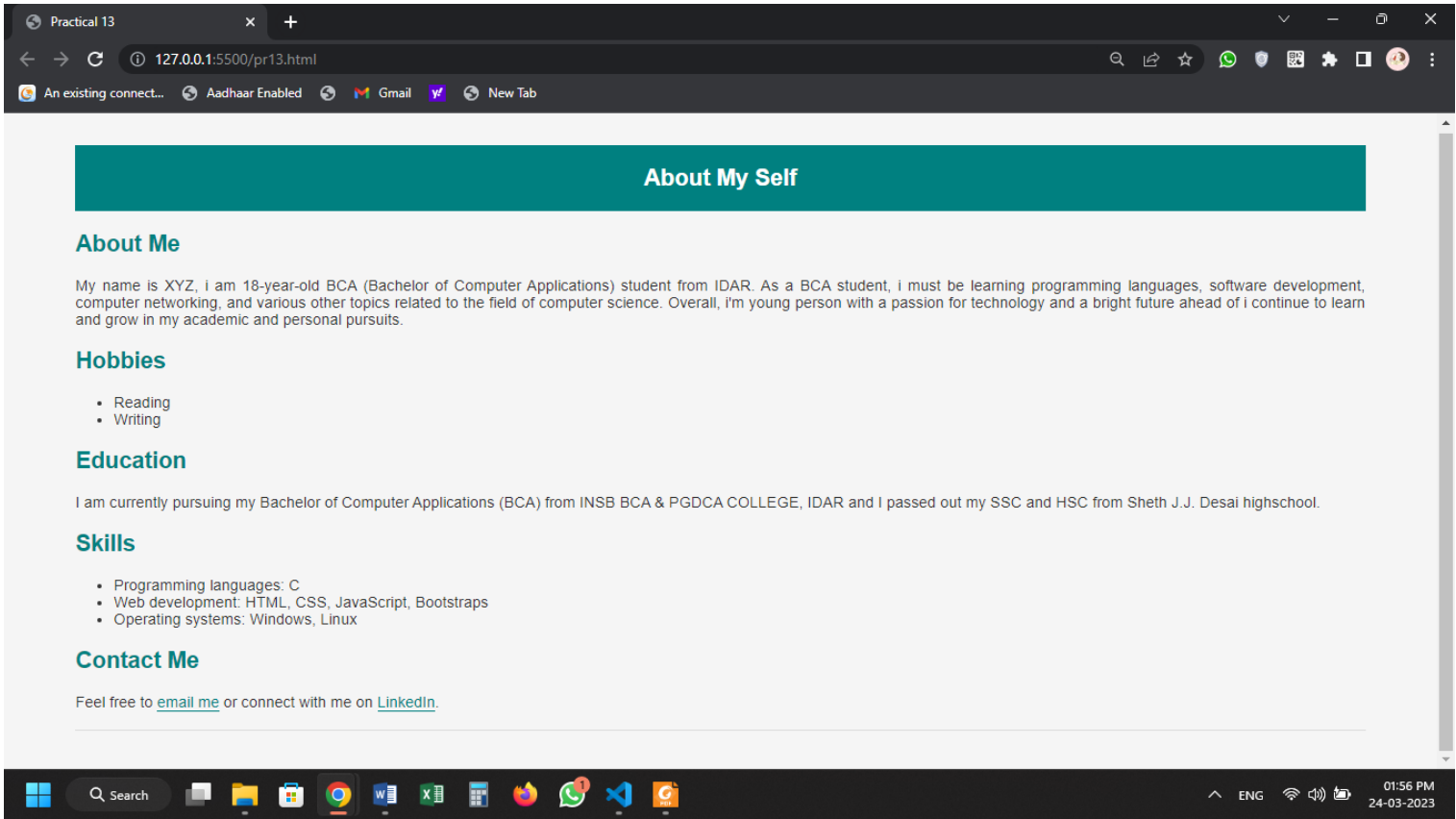
<hr />

</div>

</body>

</html>
```

OUTPUT : -

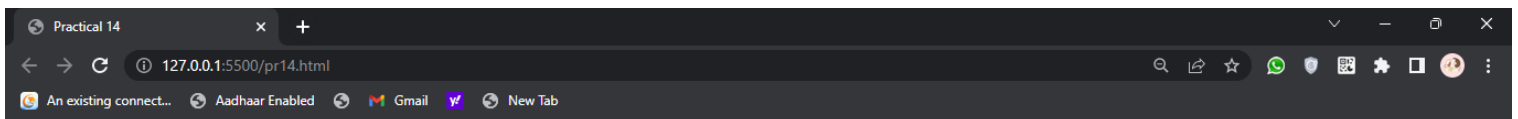


PRACTICAL 14:

Write a HTML code to designate a section of text that is already formatted for display
Preformatted text is usually used for compute output.

```
<html>
  <head>
    <title>Practical 14</title>
    <style>
      p {
        font-size: 50px;
        text-align: center;
      }
      pre {
        font-size: 30px;
      }
    </style>
  </head>
  <body>
    <p>C Program</p>
    <pre>
      #include<stdio.h>
      void main()
      {
        printf("Hello world");
      }
    </pre>
  </body>
</html>
```

OUTPUT: -



C Program

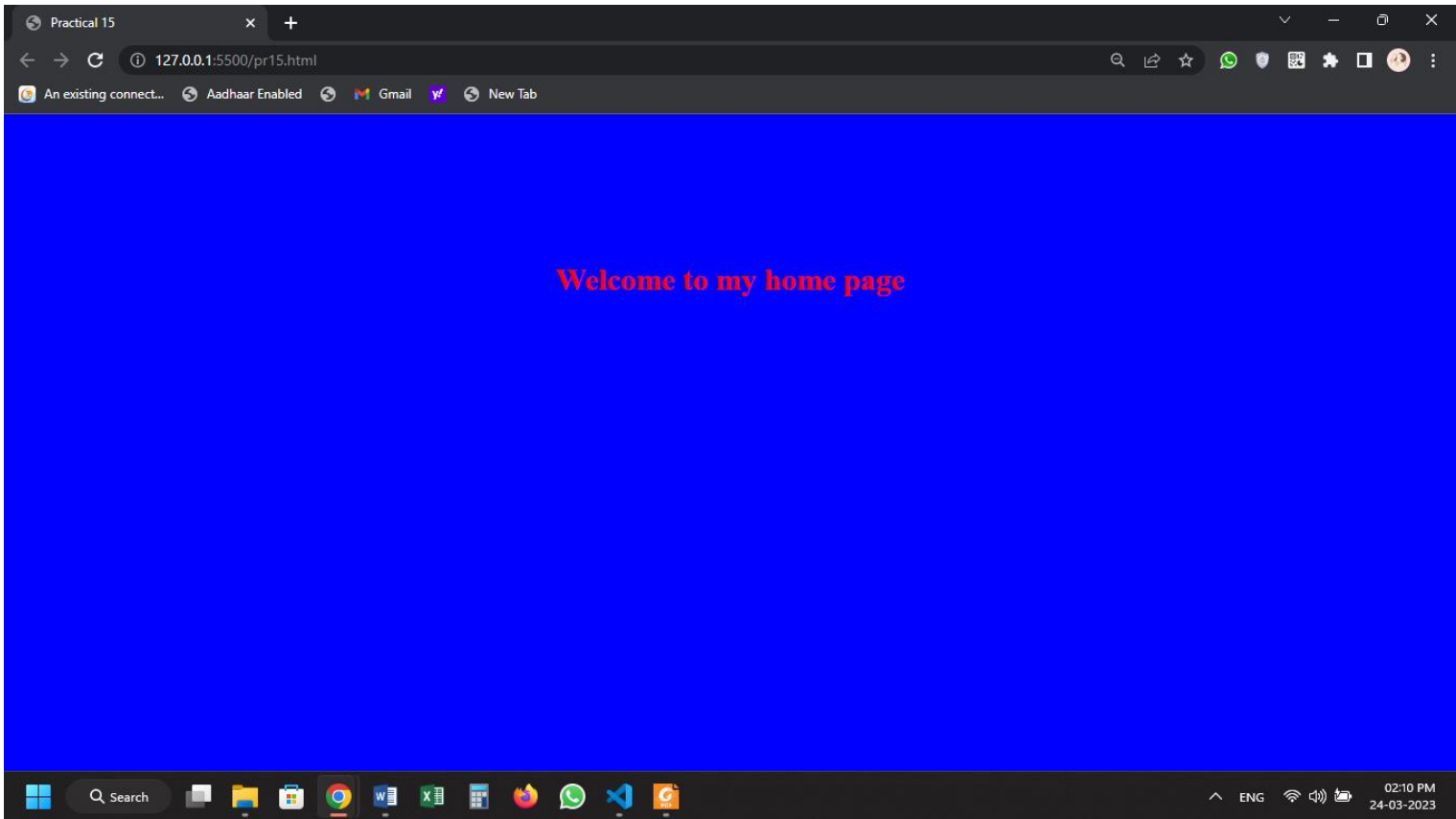
```
#include<stdio.h>
void main()
{
    printf("Hello world");
}
```


PRACTICAL 15:

Write HTML code to develop a web page having background in blue and title "Welcome to my home page" in red other color.

```
<html>
  <head>
    <title>Practical 15</title>
  </head>
  <body bgcolor="blue">
    <center>
      <h1>
        <br /><br /><br /><br />
        <font color="red"> Welcome to my home page</font>
      </h1>
    </center>
  </body>
</html>
```

OUTPUT :-



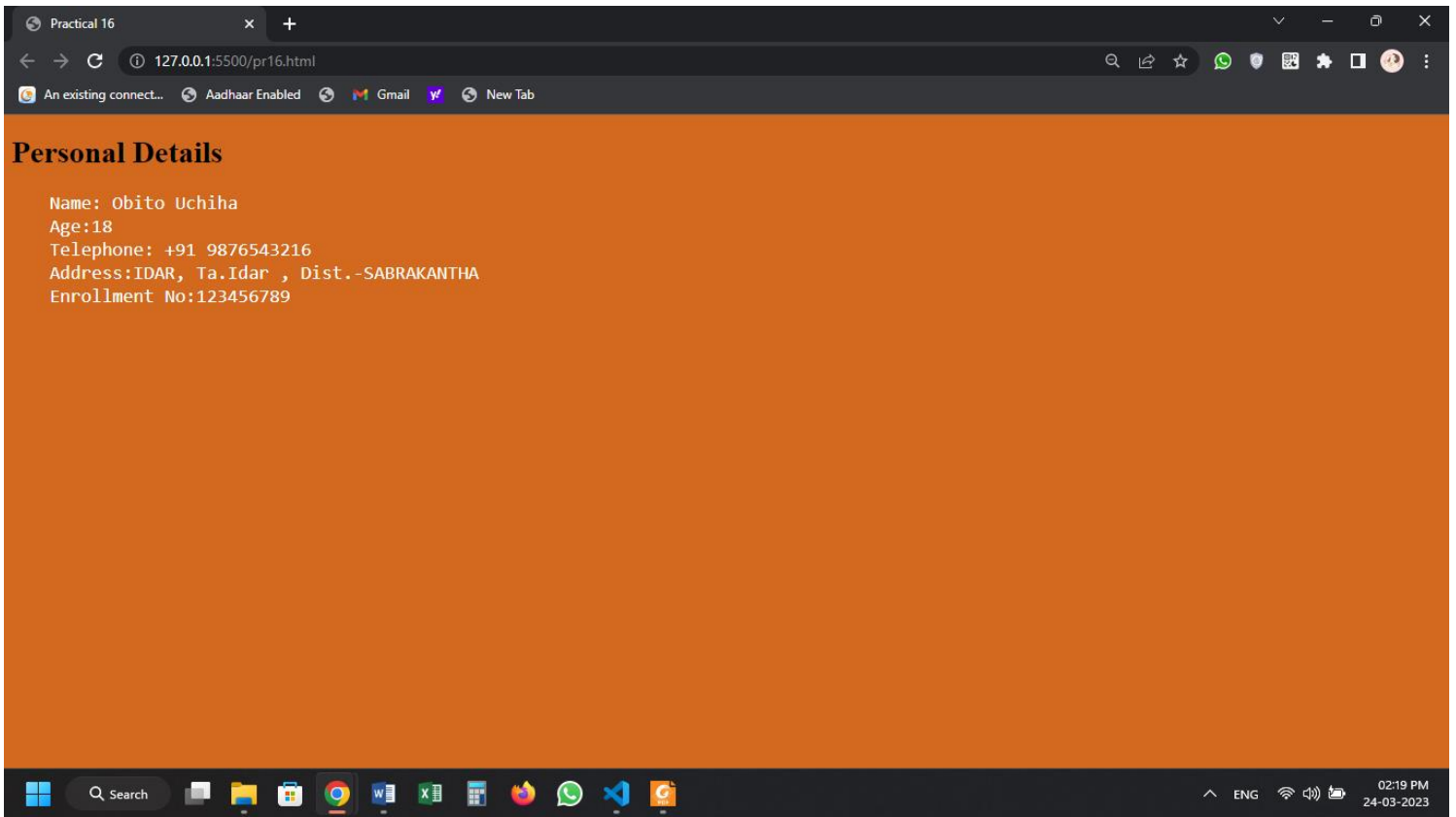
PRACTICAL 16:

Create an HTML document of giving details of your name, age, telephone no, address and enrolment no, aligned in proper order.

```
<html>
  <head>
    <title>Practical 16</title>
  </head>
  <body bgcolor="chocolate">
    <h1>Personal Details</h1>
    <ul>
      <font size="5" color="white">
        <pre>
Name: Obito Uchiha
Age:18
Telephone: +91 9876543216
Address:IDAR, Ta.Idar , Dist.-SABRAKANTHA
Enrollment No:123456789

        </pre>
      </font>
    </ul>
  </body>
</html>
```

OUTPUT : -



PRACTICAL 17:

Calculate a web page that provides links to five different web page or to entirely different websites.

pr17.html

```
<html>
  <head>
    <title>Practical 17</title>
  </head>
  <body bgcolor="cyan">
    <center>
      <h1><u>Welcome to different web site & searching</u></h1>
    </center>
    <h2>
      <font color="white">
        <li><a href="/17a.html">yahoo.com</a></li>
        <li><a href="/17b.html">google.com</a></li>
        <li><a href="/17c.html">imb.com</a></li>
        <li><a href="/17d.html">hngu.com</a></li>
        <li><a href="/17e.html">microsoft.com</a></li>
      </font>
    </h2>
  </body>
</html>
```

17a.html

```
<html>
  <head>
    <title>Practical 17</title>
  </head>
  <body bgcolor="cyan">
    <center><h1><u>Welcome to Yahoo.com</u></h1></center>
    <h1><font color="white"><center><a href="/pr17.html">Home
page</a></center></font></h1>
  </body>
</html>
```

17b.html

```
<html>
  <head>
    <title>Practical 17</title>
  </head>
  <body bgcolor="cyan">
    <center><h1><u>Welcome to Google.com </u></h1></center>
    <h1><font color="white"><center><a href="/pr17.html">Home
page</a></center></font></h1>
  </body>
</html>
```

17c.html

```
<html>
  <head>
    <title>Practical 17</title>
  </head>
  <body bgcolor="cyan">
    <center><h1><u>Welcome to imb.com</u></h1></center>
    <h1><font color="white"><center><a href="/pr17.html">Home
page</a></center></font></h1>
  </body>
</html>
```

17d.html

```
<html>
  <head>
    <title>Practical 17</title>
  </head>
  <body bgcolor="cyan">
    <center><h1><u>Welcome to hngu.com</u></h1></center>
    <h1><font color="white"><center><a href="/pr17.html">Home
page</a></center></font></h1>
  </body>
</html>
```

17e.html

```
<html>

  <head>

    <title>Practical 17</title>

  </head>

  <body bgcolor="cyan">

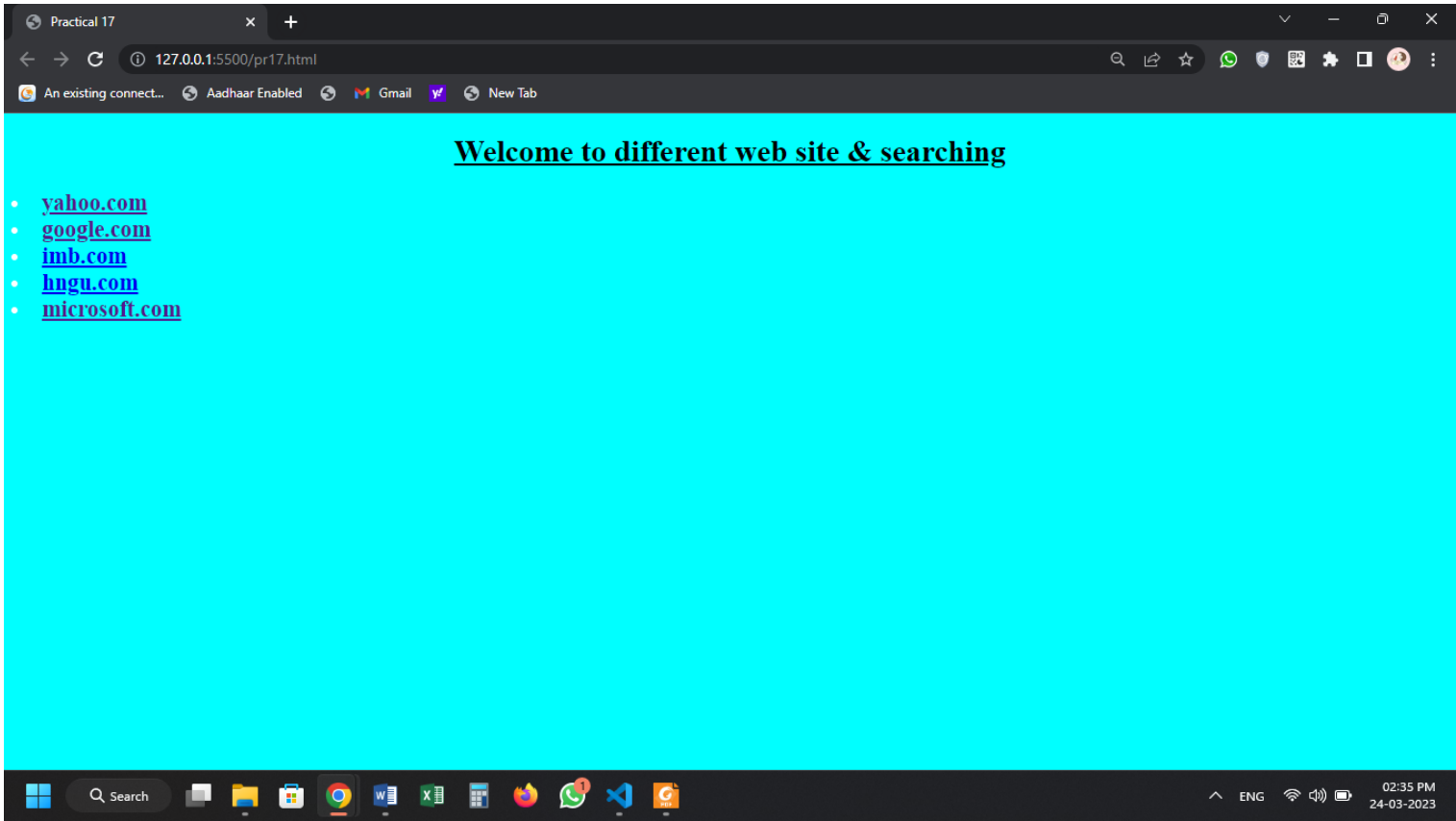
    <center><h1><u>Welcome to Microsoft.com</u></h1></center>

    <h1><font color="white"><center><a href="/pr17.html">Home
page</a></center></font></h1>

  </body>

</html>
```

OUTPUT :-

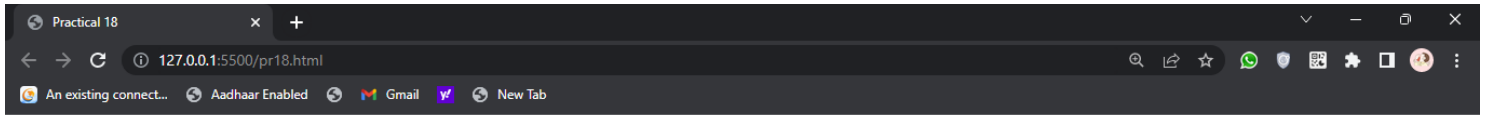


PRACTICAL 18:

Write a HTML code for making table to containing different option for different questions.

```
<html>
  <head>
    <title>Practical 18</title>
  </head>
  <body>
    <table border="1">
      <th>Which is your favorite color?</th>
      <th>Who is your national leader?</th>
      <th>Who is the highest test centuries person in india?</th>
      <tr>
        <td>Red</td>
        <td>Sardar Patel</td>
        <td>Sunil Gavaskar</td>
      </tr>
      <tr>
        <td>Green</td>
        <td>Gandhiji</td>
        <td>Kapil Dev</td>
      </tr>
      <tr>
        <td>Yellow</td>
        <td>Indiraji</td>
        <td>Sachin Tendulkar</td>
      </tr>
      <tr>
        <td>Blue</td>
        <td>Netaji</td>
        <td>Ajay Jadeja</td>
      </tr>
    </table>
  </body>
</html>
```

OUTPUT: -



Which is your favorite color?	Who is your national leader?	Who is the highest test centuries person in india?
Red	Sardar Patel	Sunil Gavaskar
Green	Gandhiji	Kapil Dev
Yellow	Indiraji	Sachin Tendulkar
Blue	Netaji	Ajay Jadeja



PRACTICAL 19:

Create form to fill information student.

```
<html>
<head>
  <title>Student Information</title>
  <style>
    #head{
      text-align: center;
      color: rgb(231, 210, 207);
      font-size: 50px;
      text-decoration: underline;
    }
    .que{
      font-size: 30px;
    }
    body{
      background-color: firebrick;
      color: white;
    }
  </style>
</head>
<body>
  <h1 id="head">STUDENT INFORMATION</h1>
  <table align="center" width="40%" cellpadding="7px">
    <form action="action.php" class="stu_info">
      <tr>
        <td class="que">Roll No: </td>
        <td><input type="number" name="r_no"></td>
      </tr>
      <tr>
        <td class="que">Student Name: </td>
        <td><input type="text" name="s_name"></td>
      </tr>
      <tr><td class="que">Date of Birth: </td>
```

```

<td><input type="date" name="dob"></td>
</tr>
<tr>
    <td class="que">Mobile No.: </td>
    <td><input type="number" name="m_num"></td>
</tr>
<tr>
    <td class="que">E-mail id: </td>
    <td><input type="email" name="email"></td>
</tr>
<tr>
    <td class="que">address: </td>
    <td><textarea name="add" cols="21" rows="2"></textarea></td>
</tr>
<tr>
    <td class="que">ZIP code: </td>
    <td><input type="number" name="z_code"></td>
</tr>
<tr>
    <td class="que">Gender: </td>
    <td>
        <input type="radio" name="gender">Male
        <input type="radio" name="gender">Female
    </td>
</tr>
<tr>
    <td class="que">Country: </td>
    <td>
        <select name="country">
            <option value="default" hidden>Select your Country</option>
            <option value="india">INDIA</option>
            <option value="Pakistan">PAKISTAN</option>
            <option value="USA">USA</option>
            <option value="UK">UK</option>
            <option value="RUSSIA">RUSSIA</option>
        </select>
    </td>
</tr>

```

```
        <option value="CHINA">CHINA</option>
        <option value="NEPAL">NEPAL</option>
    </select>
</td>
</tr>
<tr>
    <td><br><input class="que" type="submit" value="SUBMIT"></td>
    <td><br><input class="que" type="reset" value="CLEAR"></td>
</tr>
</form>
</table>
</body>
</html>
```

OUTPUT :-

Student Information

127.0.0.1:5500/pr19.html

An existing connect...Aadhaar EnabledGmailNew Tab

STUDENT INFORMATION

Roll No:

Student Name:

Date of Birth:

dd-mm-yyyy

Mobile No.:

E-mail id:

address:

ZIP code:

Gender:

Male

Female

Country:

Select your Country

SUBMIT

CLEAR

Search

ENG

08:33 PM24-03-2023

PRACTICAL 20:

Create a JavaScript code to display any message.

```
<html>

  <head>

    <title>Practical 20</title>

  </head>

  <body>

    <script>

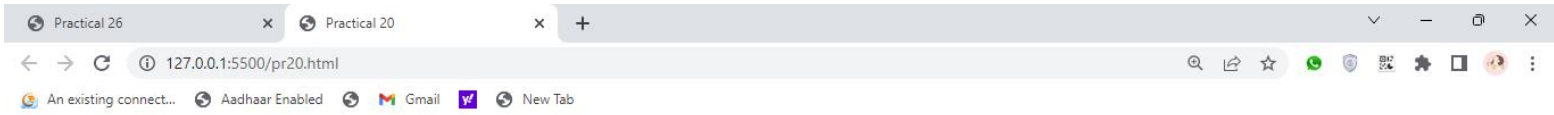
      document.write("Hello World!");

    </script>

  </body>

</html>
```

OUTPUT: -



Hello World!



PRACTICAL 21:

Create a JavaScript code using Arithmetic Operator, Assignment Operator, Comparison Operator, Logical Operator and String Operator.

```
<html>

<head>

    <title>Practical 21</title>

</head>

<body>

    <script>

        var x = 10;

        var y = 5;

        var z;

        document.write("<b>Arithmetic Operators</b> </br>");

        document.write("Addition:" + (x + y) + "</br>");

        document.write("Subtraction:" + (x - y) + "</br>");

        document.write("Multiplication:" + (x * y) + "</br>");

        document.write("Division:" + (x / y) + "</br>");

        document.write("Modulus:" + (x % y) + "</br>");

        document.write("<b>Assignment Operators</b> </br>");

        z = x;

        document.write("z = x Value of z is : " + z + "</br>");

        z += x;  //same as z = z + x (10=10+10)

        document.write("z += x Value of z is : " + z + "</br>");

        document.write("<b>Comparison Operators</b> </br>");

        document.write("x > y :-" + (x > y) + "</br>");

        document.write("x < y :-" + (x < y) + "</br>");

        document.write("<b>Logical Operators</b> </br>");

        document.write("x > y && x!=z :-" + (x > y && x != z) + "</br>");

        document.write("x < y || x>=z :-" + (x < y || x >= z) + "</br>");

        document.write("<b>String Operator</b> </br>");

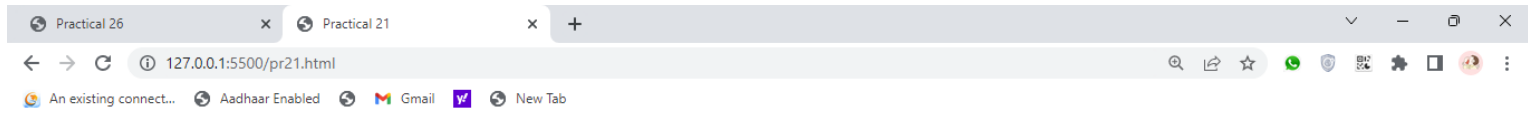
        document.write("Hello" + " " + "World");

    </script>

</body>

</html>
```

OUTPUT: -



Arithmetic Operators

Addition:15

Subtraction:5

Multiplication:50

Division:2

Modulus:0

Assignment Operators

$z = x$ Value of z is : 10

$z += x$ Value of z is : 20

Comparison Operators

$x > y$:-true

$x < y$:-true

Logical Operators

$x > y \ \&\& \ x \neq z$:-true

$x < y \ || \ x \geq z$:-false

String Operator

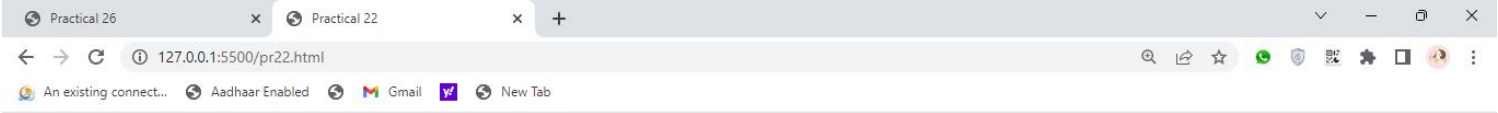
Hello World

PRACTICAL 22:

Create a JavaScript code using Control Statement.

```
<html>
<head>
    <title>Practical 22</title>
</head>
<body>
    <script>
        document.write("<b>Grade According to marks:-</b> </br></br>");
        var marks = 84;
        if (marks <= 100 && marks >= 80) {
            document.write("Your got Distinction Grade");
        }
        else if (marks <= 79 && marks >= 60) {
            document.write("Your got First Grade");
        }
        else if (marks <= 59 && marks >= 40) {
            document.write("Your got First Grade");
        }
        else if (marks <= 39 && marks >= 33) {
            document.write("Your are Pass");
        }
        else if (marks <= 32 && marks >= 0) {
            document.write("Your are Fail");
        }
        else {
            alert("Invalid Marks Entered!");
        }
    </script>
</body>
</html>
```


OUTPUT :-



Grade According to marks:-

Your got Distinction Grade



PRACTICAL 23:

Create a JavaScript code to display

5*1=5

5*2=10

5*10=50 using for loop.

```
<html>

<head>

    <title>Practical 23</title>

</head>

<body>

    <script>

        var n = 5, i;

        for (i = 1; i <= 10; i++) {

            document.write(n + "*" + i + "=" + (n * i) + "<br>");

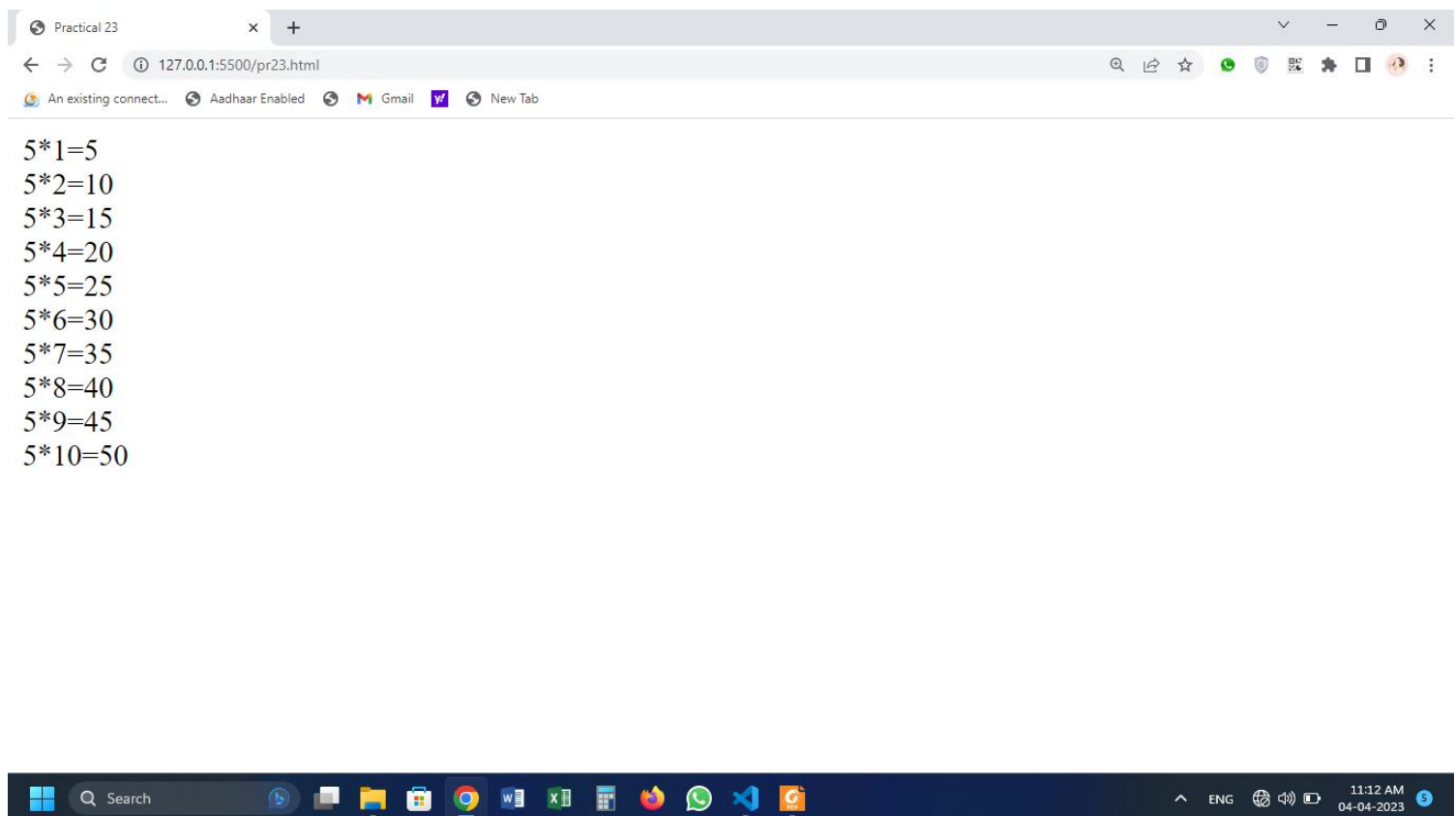
        }

    </script>

</body>

</html>
```

OUTPUT: -



PRACTICAL 24:

Create a JavaScript code using User Defined Function which will calculate the area of circle.

```
<html>

<head>

    <title>Practical 24</title>

</head>

<body>

    <script>

        function circleArea(r) {

            const pi = 3.14;

            var area = pi * r * r;

            return area;

        }

        var r = 20;

        var area = circleArea(r);

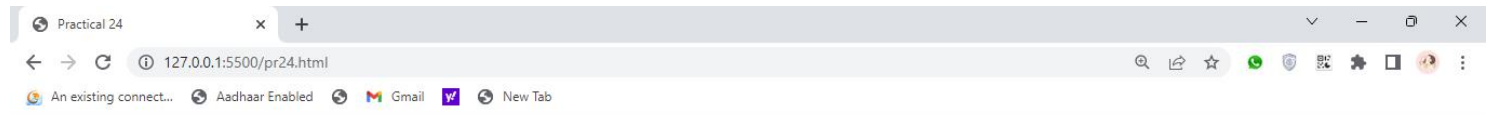
        document.write("Area of " + r + " cm " + " radius Circle is :- " + area);

    </script>

</body>

</html>
```

OUTPUT :-



Area of 20 cm radius Circle is :- 1256



PRACTICAL 25:

Write a JavaScript code to change the background color of the web page.

```
<html>

<head>

    <title>Practical 25</title>

</head>

<body>

    <script>

        var color = prompt("Which color you want in BG:-");

        document.write("<center>You have selected " + color + "</center>");

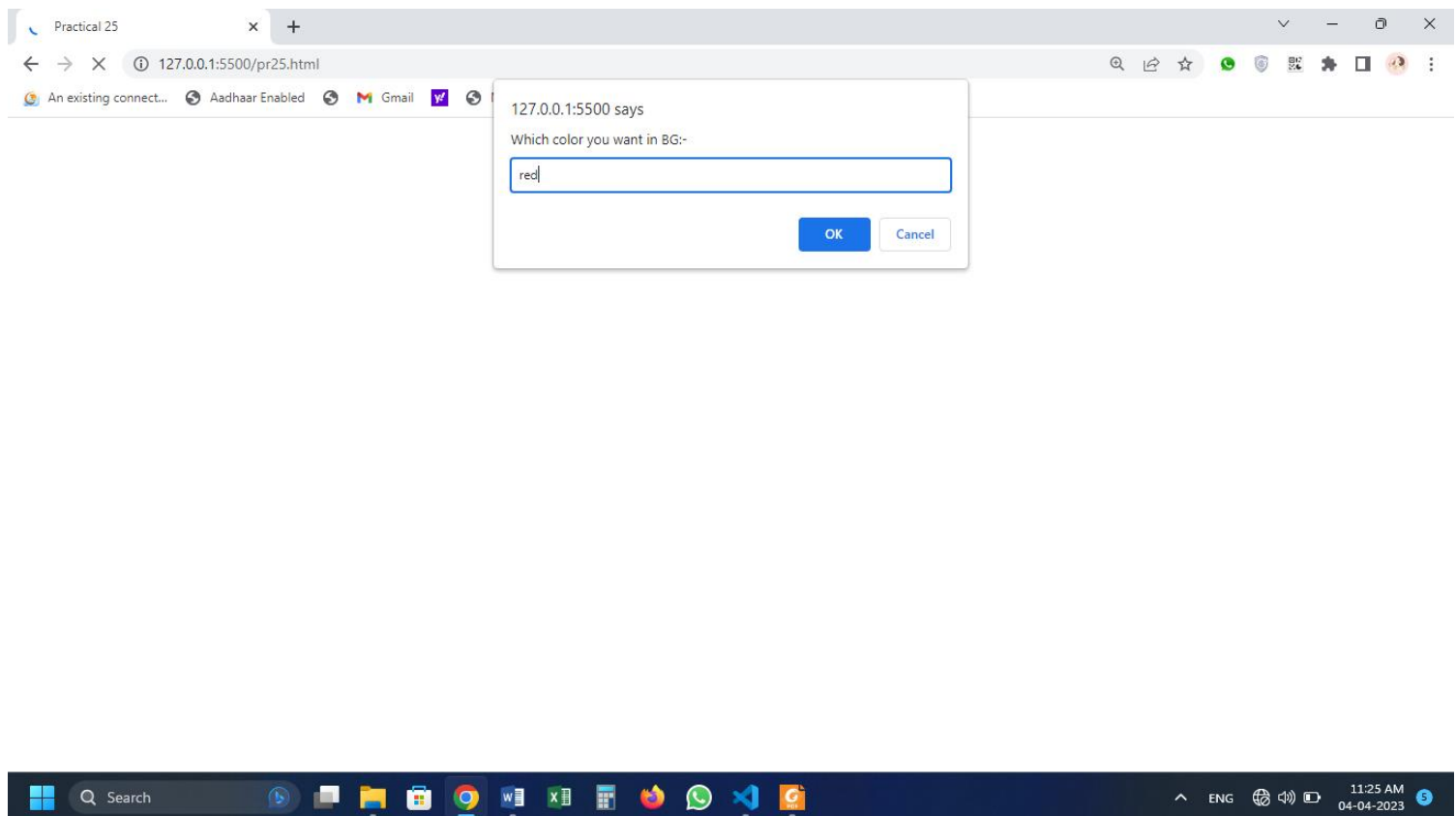
        document.bgColor = color;

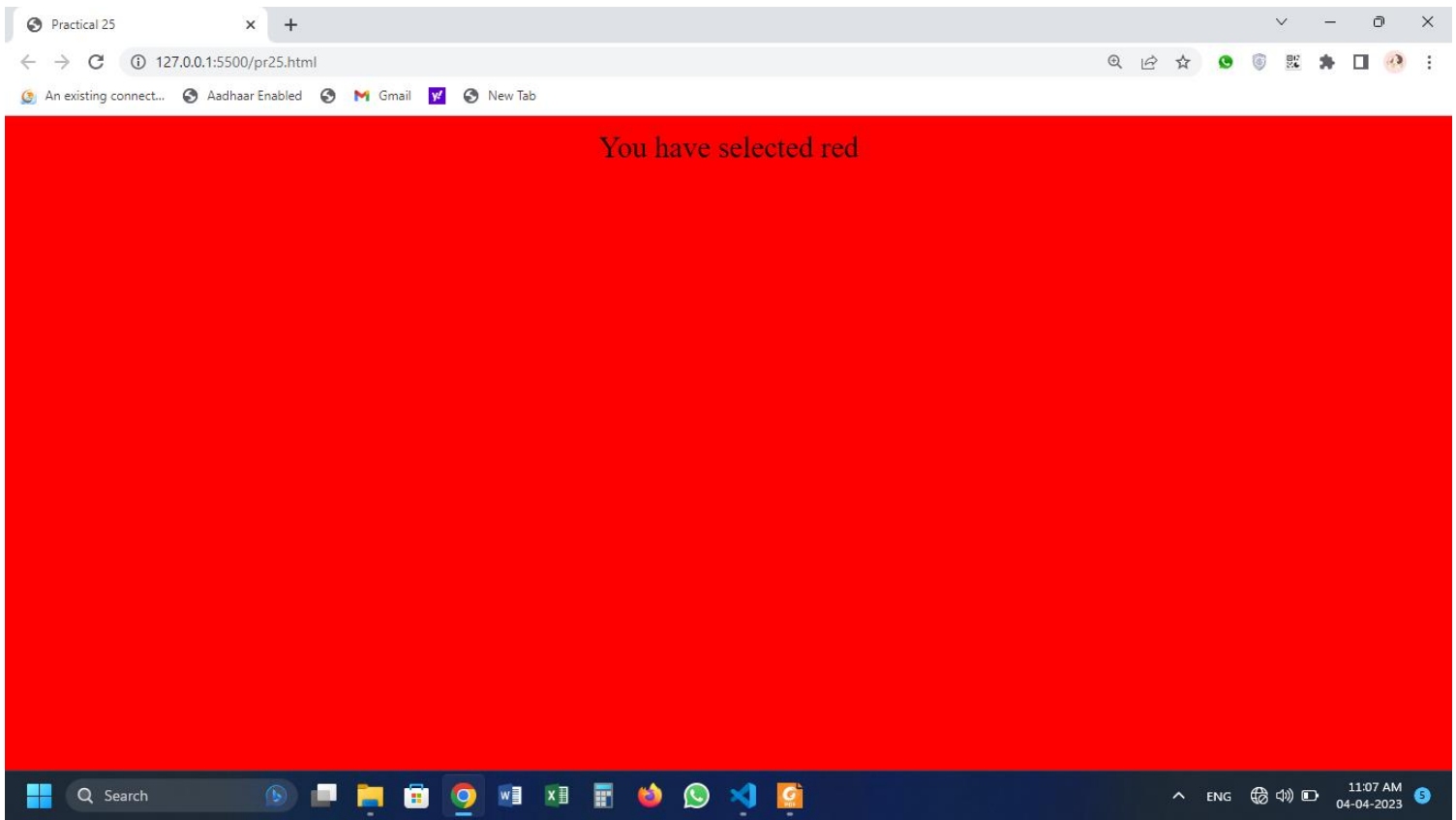
    </script>

</body>

</html>
```

OUTPUT:-





PRACTICAL 26:

Write a JavaScript code to display Factorial of the given number.

```
<html>

<head>

    <title>Practical 26</title>

</head>

<body>

    <script>

        var n = 5, fact = 1;

        for (i = 1; i <= n; i++) {

            fact = fact * i;

        }

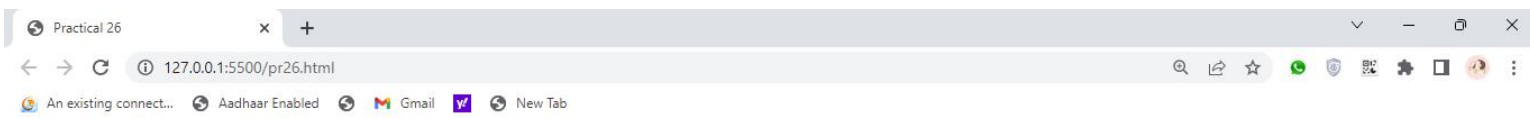
        document.write("Factorial of " + n + " is :- " + fact);

    </script>

</body>

</html>
```

OUTPUT: -



Factorial of 5 is :- 120

* * * * *