

Assignment – 1

Name – Deepak Mangla

Class – BCA AI ML (IB)

Group - 2

Question 1) Create a simple HTML page using basic tags.

Input-

```
<html>
```

```
<head>
```

```
<title> Student Information </title>
```

```
</head>
```

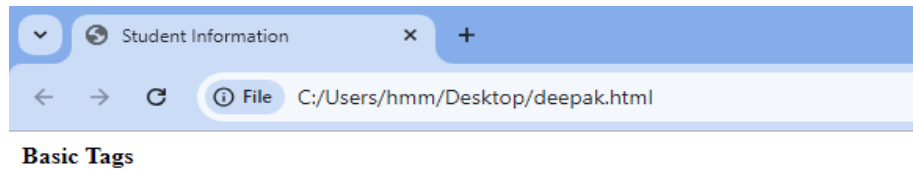
```
<body>
```

```
<h4> Basic Tags</h4>
```

```
</body>
```

```
</html>
```

Output-



Question 2) Create a web page that display your name to the screen.

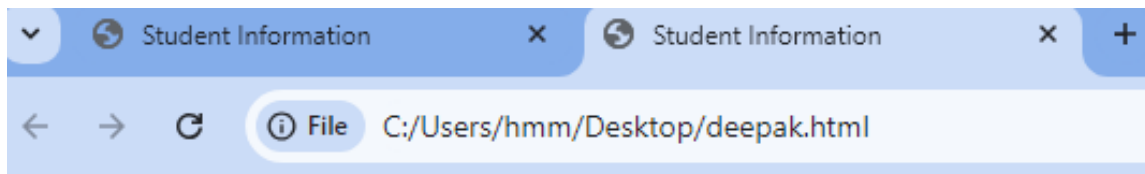
Input-

```
<html>
```

```
<head>
```

```
<title> Student Information </title>
</head>
<body>
<h4> Student Name – Deepak Mangla </h4>
</body>
</html>
```

Output-



Student Name – Deepak Mangla

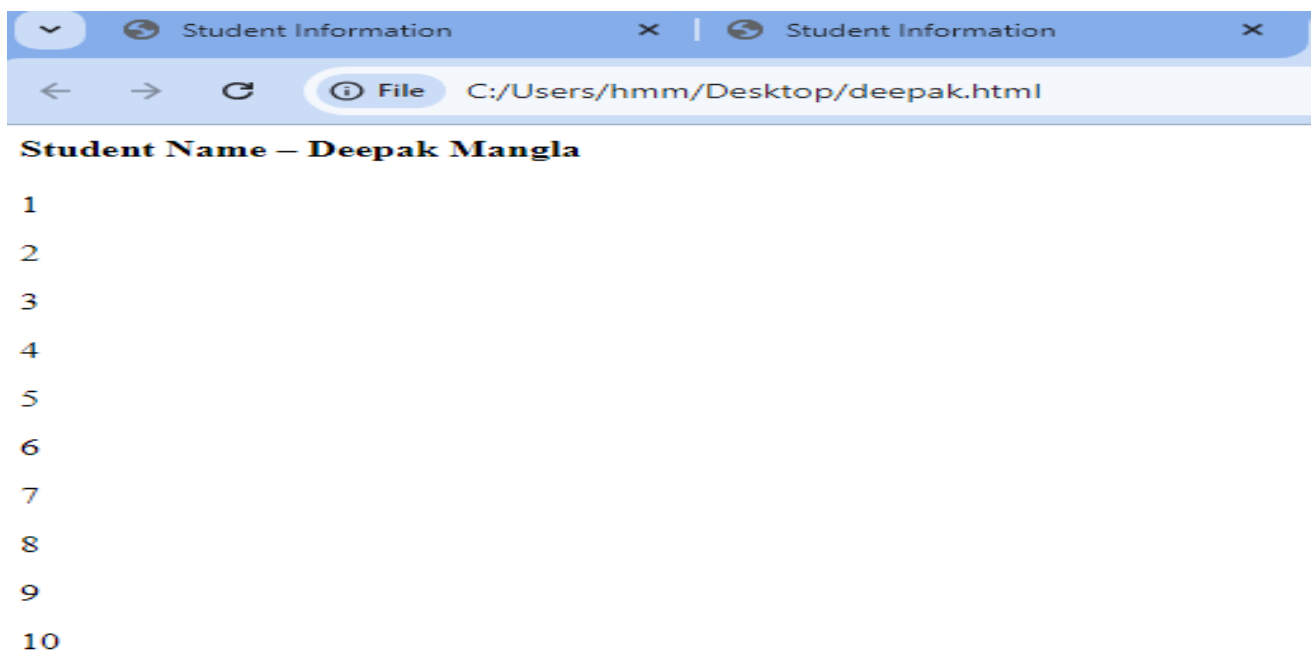
Question 3) Create a web page and show the output from 1 to 10 in separate lines.

Input-

```
<html>
<head>
<title> Student Information </title>
</head>
<body>
<h4> Student Name – Deepak Mangla </h4>
<p> 1 </p>
<p> 2 </p>
<p> 3 </p>
<p> 4 </p>
<p> 5 </p>
```

```
<p> 6 </p>
<p> 7 </p>
<p> 8 </p>
<p> 9 </p>
<p> 10 </p>
</body>
</html>
```

Output –



Question 4) Create a web page and show the output from 1 to 10 in separate lines, each number being in different color.

Input-

```
<html>
<head>
<title> Student Information </title>
</head>
<body>
```

```
<h4> Student Name – Deepak Mangla </h4>
```

```
<p style="color: red;"> 1 </p>
```

```
<p style="color: purple;"> 2 </p>
```

```
<p style="color: orange;"> 3 </p>
```

```
<p style="color: pink;"> 4 </p>
```

```
<p style="color: green;"> 5 </p>
```

```
<p style="color: blue;"> 6 </p>
```

```
<p style="color: brown;"> 7 </p>
```

```
<p style="color: yellow;"> 8 </p>
```

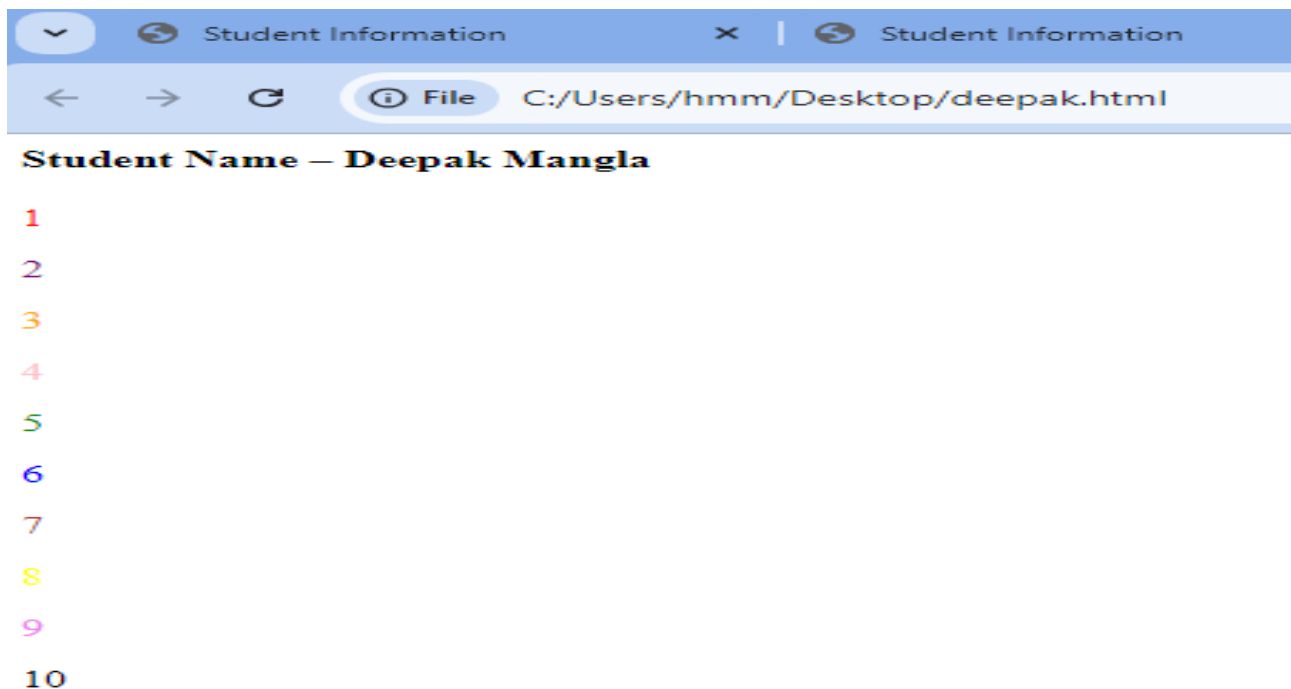
```
<p style="color: violet;"> 9 </p>
```

```
<p style="color: black;"> 10 </p>
```

```
</body>
```

```
</html>
```

Output -



Question 5) How do I make a picture as a background on my web pages ?

Input-

```
<html>

<head>

<title> Student Information </title>

</head>

<body style="background-color: powderblue;">

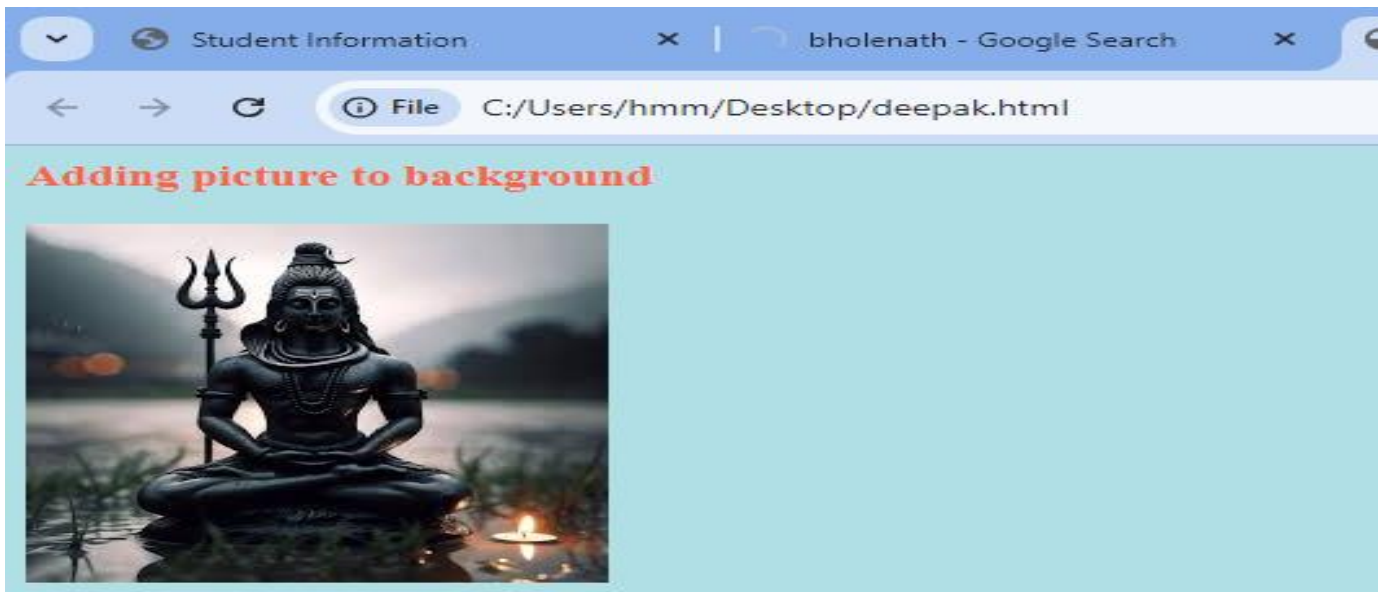
<h3 style="color: Tomato;"> Adding picture to background </h3>



</body>

</html>
```

Output-



Question 6) Create a web page to print a paragraph with 4-5 sentences , each sentences shall have a different font.

Input-

```
<html>

<head>

<title> Student Information </title>

</head>

<body style="background-color: powderblue;">

<h5 style="Font-Family: Cursive;"> This is Paragraph one </h5>

<h4 style="Font-Family: Fantasy;"> This is Paragraph two </h4>

<h3 style="Font-Family: Helvetica;"> This is Paragraph three </h3>

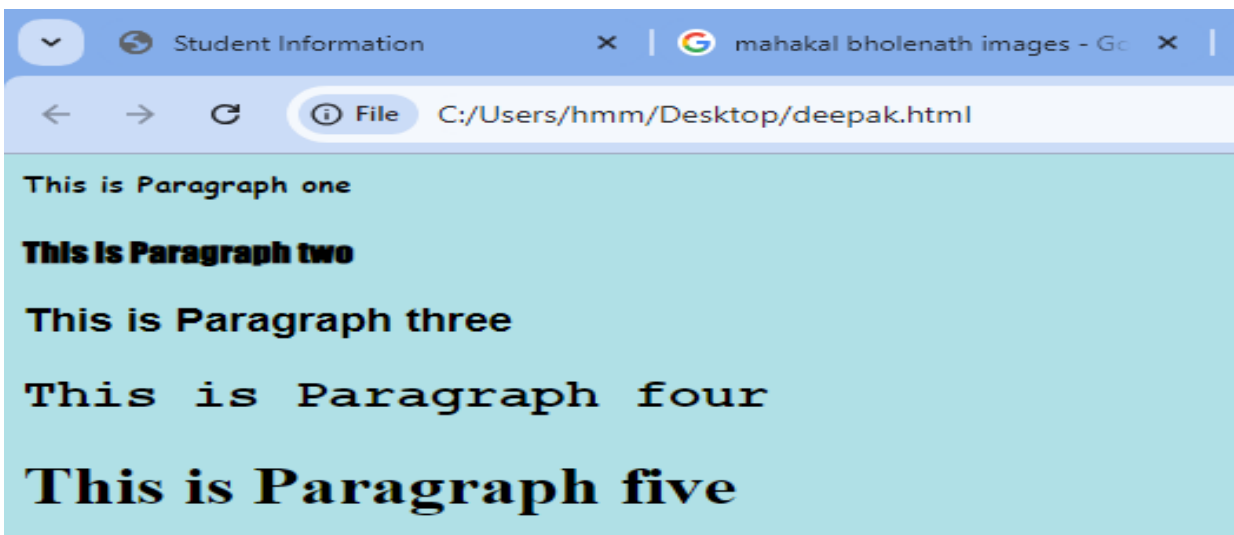
<h2 style="Font-Family: Courier New;"> This is Paragraph four </h2>

<h1 style="Font-Family: Verdana New;"> This is Paragraph five</h1>

</body>

</html>
```

Output –



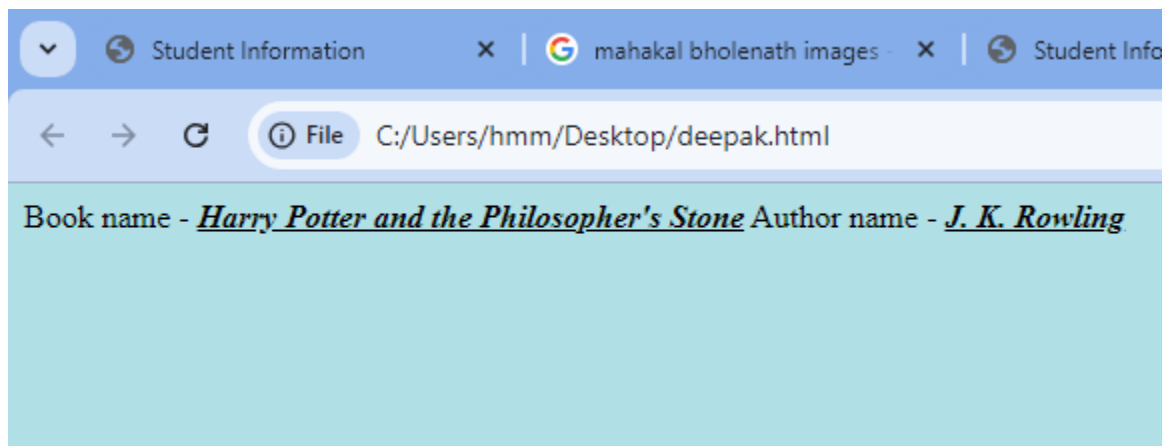
Question 7) Write HTML code to print a paragraph that is description of a book, it shall include the title of the book ,its author name and title should be underlined and all adjectives shall be bold and Italics.

Input-<html>

```

<head>
<title> Student Information </title>
</head>
<body style="background-color: powderblue;">
<p>Book name - <b><u><i> Harry Potter and the Philosopher's Stone</i></u></b> Author
name - <b><u><i>J. K. Rowling</i></u></b></p>
</body>
</html>
Output –

```



Question 8) Write HTML code to print your name using Heading tag, every letter shall be of different heading size.

Input-

```

<html>
<head>
<title> Heading Tag </title>
</head>
<body style="background-color: powderblue;">
<h1>D</h1>
<h2>E</h2>
<h3>E</h3>

```

<h4>P</h4>

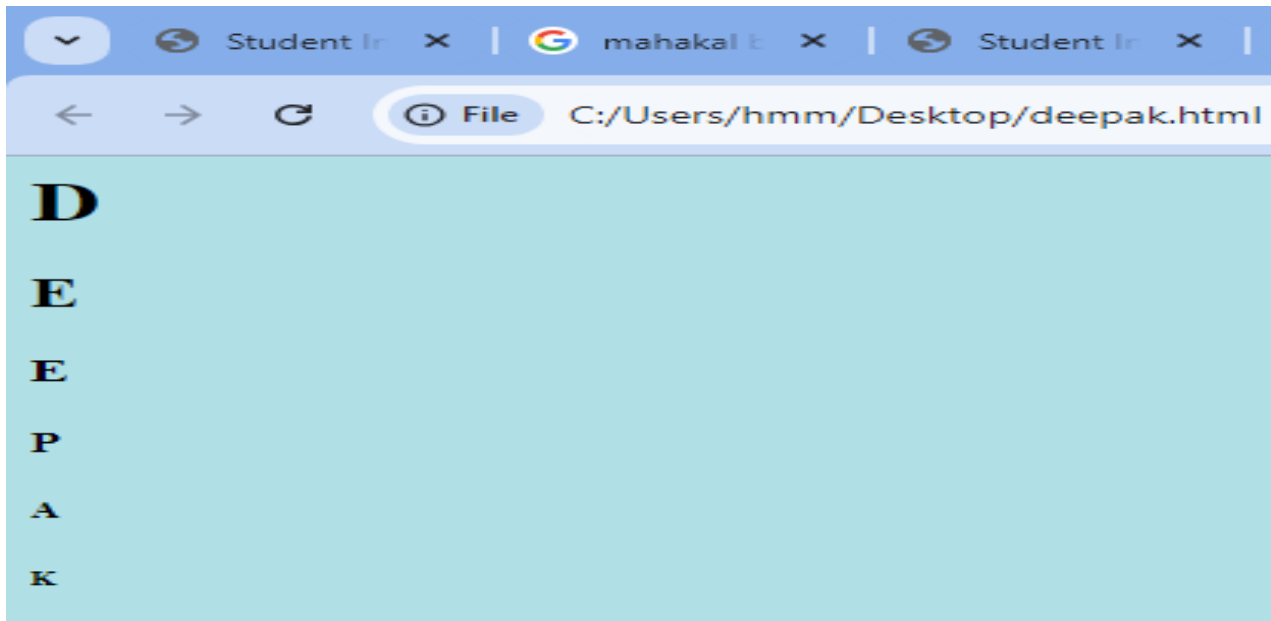
<h5>A</h5>

<h6>K</h6>

</body>

</html>

Output –



Question 9) Write HTML code to print the sequence of number 1-20. Each number shall be in different line with number 2 next to it as subscript, an equal sign and the result.

Input-

<html>

<head>

<title> Heading Tag </title>

</head>

<body style="background-color:powderblue;">

<p>1₂ = 2</p>

<p>2₂ = 4</p>

<p>3₂ = 6</p>

<p>4₂ = 8</p>

<p>5₂ = 10</p>

<p>6₂ = 12</p>

<p>7₂ = 14</p>

<p>8₂ = 16</p>

<p>9₂ = 18</p>

<p>10₂ = 20</p>

<p>11₂ = 22</p>

<p>12₂ = 24</p>

<p>13₂ = 26</p>

<p>14₂ = 28</p>

<p>15₂ = 30</p>

<p>16₂ = 32</p>

<p>17₂ = 34</p>

<p>18₂ = 36</p>

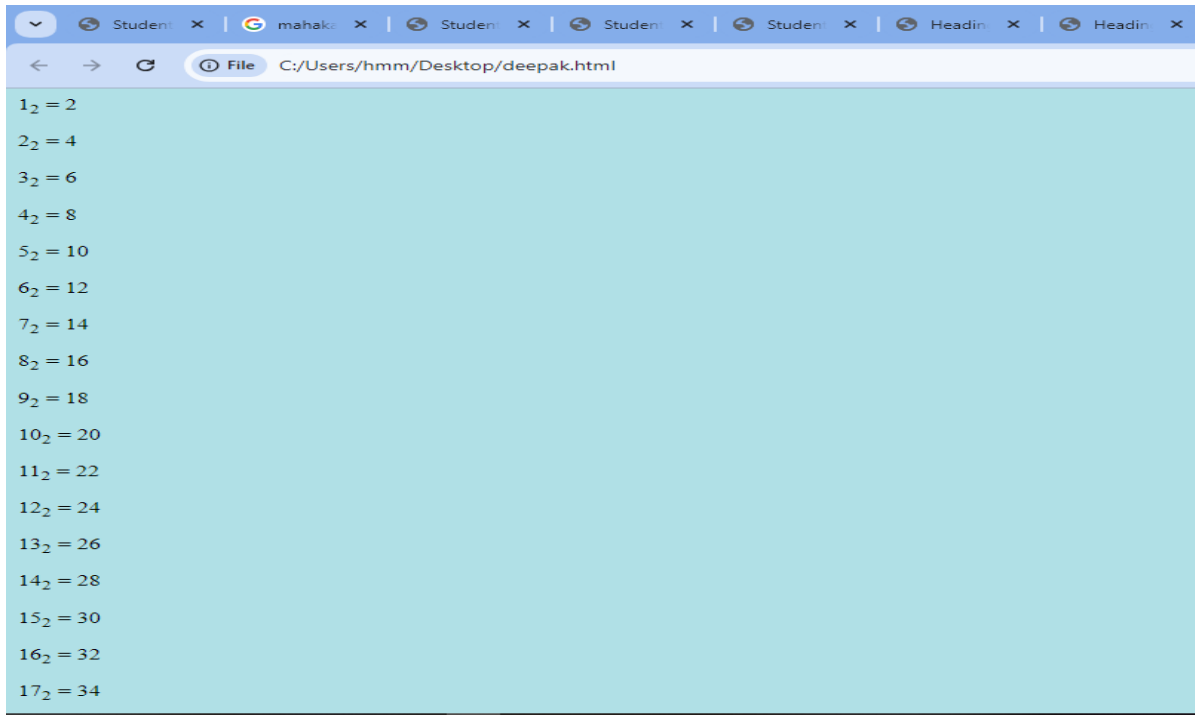
<p>19₂ = 38</p>

<p>20₂ = 40</p>

</body>

</html>

Output



Ques 10) Write html code to display an image with border of size with width 200,height 200 pixels, leaving Hspace and Vspace of your choice with image hanging in the right side on the screen.

Input-

<HTML>

<head>

<title>Image Display</title>

<style>

img {

border: 2px solid black;

width: 200px;

height: 200px;

display: block;

margin-left: auto;

margin-right: 0;

margin-top: 20px;

margin-bottom: 20px; }

```
</style>
```

```
</head>
```

```
<body>
```

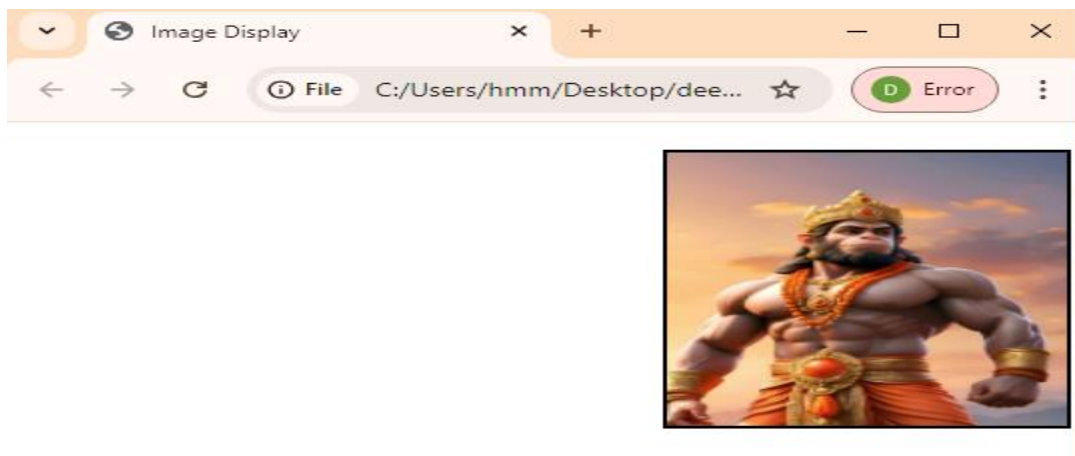
```

```

```
</body>
```

```
</html>
```

Output-



Ques 11) Write HTML code create a web page with heading . The heading shall be displayed at the top-center of the page and the image shall be at the center ,just below the heading.

Input-

```
<html>
```

```
<head>
```

```
<title>Centered Heading and Image</title>
```

```
<style>
```

```
body {
```

```
margin: 0;
```

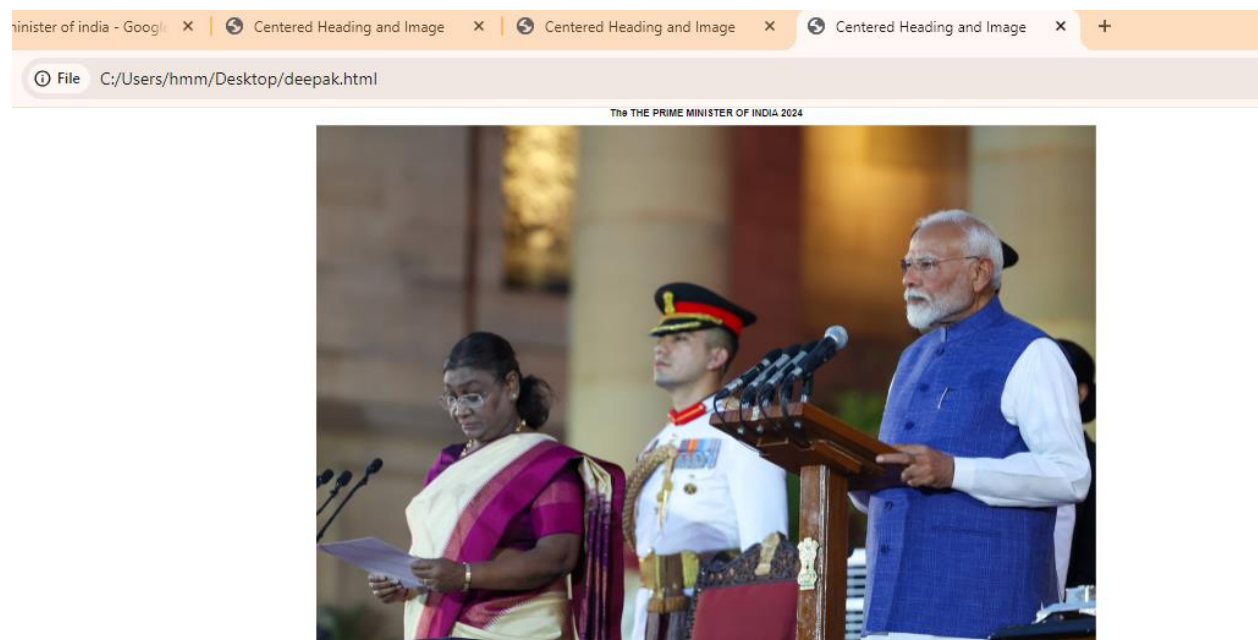
```

font-family: Arial, sans-serif;
text-align: center;
justify-content: center;
align-items: center;
</style>
</head>
<body>
<h1>The THE PRIME MINISTER OF INDIA 2024</h1>

</body>
</html>

```

Output-



Ques 13) Create a Table using Rowspan and Colspan taking example of student Record.

Input:

```

<html>
<head></head>

```

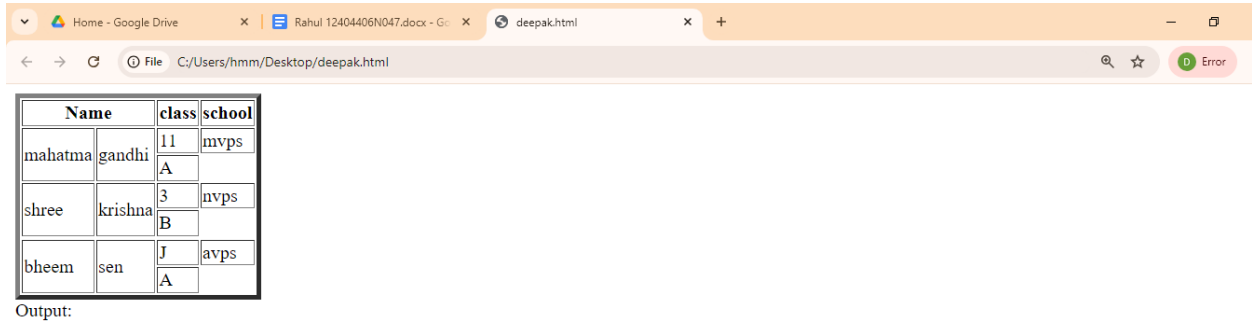
```
<body>
<table border='4pt'>
<tr>
<th colspan='2'>Name</th>
<th>class</th>
<th>school</th></tr>
<tr>
<td rowspan='2'>mahatma</td>
<td rowspan='2'>gandhi</td>
<td> 11</td>
<td>mvp</td></tr>
<tr>
<td>A</td></tr>
<tr>
<td rowspan='2'>shree</td>
<td rowspan='2'>krishna</td>
<td> 3</td>
<td>nvp</td></tr>
<tr>
<td>B</td></tr>
<tr>
<tr>
<td rowspan='2'>bheem</td>
<td rowspan='2'>sen</td>
<td> J</td>
<td>avp</td></tr>
<tr>
<td>A</td></tr>
```

</table>

</body>

</html>

Output:



A screenshot of a web browser window showing a table. The browser's address bar indicates the file path C:/Users/hmm/Desktop/deepak.html. The table has 4 columns: 'Name', 'class', 'school', and an empty column. The data is as follows:

Name		class	school	
mahatma	gandhi	11	mvps	
		A		
shree	krishna	3	nvps	
		B		
bheem	sen	J	avps	
		A		

Output:

Q14. Write HTML code using table tag <table> and cellpadding and cellspacing as its attributes.

Input:

<html>

<head></head>

<body>

<table border="2pt" cellspacing="5pt" cellpadding="5pt">

<tr>

<th>S.no</th>

<th>Roll no.</th>

<th>Name</th>

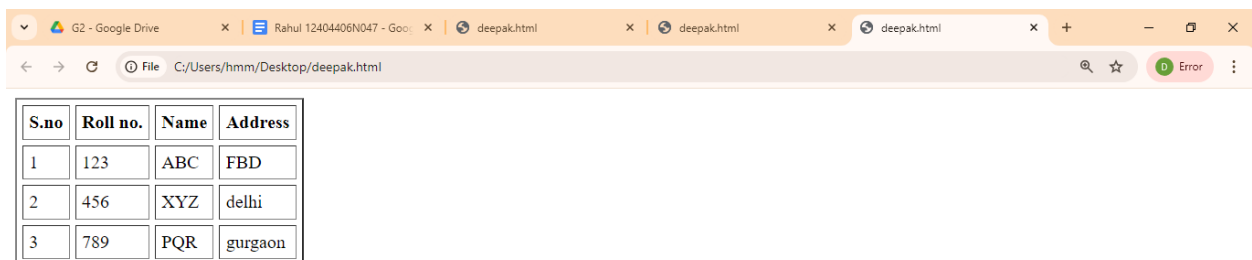
<th>Address</th></tr>

<tr>

<td>1</td>

```
<td>123</td>
<td>ABC</td>
<td>FBD</td></tr>
<tr>
<td>2</td>
<td>456</td>
<td>XYZ</td>
<td>delhi</td></tr>
<tr>
<td>3</td>
<td>789</td>
<td>PQR</td>
<td>gurgaon</td></tr>
</table>
</body>
</html>
```

Output-



The screenshot shows a web browser window with multiple tabs. The active tab displays a file named 'deepak.html' located at 'C:/Users/hmm/Desktop/deepak.html'. The browser shows an error message in the address bar. The main content area displays a table with the following data:

S.no	Roll no.	Name	Address
1	123	ABC	FBD
2	456	XYZ	delhi
3	789	PQR	gurgaon

Q15. Create unordered, ordered and definition Lists taking example of your subjects in MCA IST, IInd and IIIrd Semester.

Input :

```
<html>

<head></head>

<body>

<h3> Subjects in BCA sem 1</h3>

<ol>

<li>Web technologies</li>

<ul>

<li>introduction to Networks</li>

<li>introduction to e-mail</li>

<li>introduction to html</li>

</ul>

<li>Introduction to IT & programming in C</li>

<ul>

<li>Input output devices</li>

<li>compilers,Interpreters,assemblers</li>

<li>various programs in C</li>

</ul>

<li>Mathematics</li>

<ul>

<li>matrices</li>

<li>surds and insurdes</li>

<li>trigonometry</li><ul><ol>

</ol>

</ul>

</body>

</html>
```

Output-



Subjects in BCA sem 1

1. Web technologies
 - introduction to Networks
 - introduction to e-mail
 - introduction to html
2. Introduction to IT & programming in C
 - Input output devices
 - compilers, Interpreters, assemblers
 - various programs in C
3. Mathematics
 - matrices
 - surds and insurdes
 - trigonometry

Q 16) Write HTML code using <fieldset> and <frame> tag with all its attributes.

input-

```
<html>
```

```
<body>
```

```
<fieldset><legend><font color='Blue'>REGISTRATION FORM</font></legend></feildset>
```

```
<form><bgcolor='red'>
```

```
<label>First Name:</label>
```

```
<input type='text' name='name' id='name'><br><br>
```

```
<label>Last Name:</label>
```

```
<input type='text' name='name' id='name'><br><br>
```

```
<label>Date Of Birth:</label>
```

```
<input type='date'><br><br>
```

```
<label>Gender:</label>
```

```
<input type='radio' name='gender' value='Male' >
```

```
<label>Male</label>
```

```
<input type='radio' name='gender' value='Female' >
```

```
<label>Female</label><br><br>
```

```
<label>Contact No:</label>
```

```
<input type='textbox'><br><br>
```

```

<label>Email Address:</label>

<input type='email' placeholder='Enter email address'><br><br>

<label>Any other Information:</label><br>

<textarea rows='4' cols='20'>Enter your full info</textarea>

<br><br>

<input type='submit' value='Submit'>

<input type='reset' value='Reset'>

</form>

</body>

</html>

```

Output-

The screenshot shows a web browser window with the address bar displaying 'C:/Users/hmm/Desktop/deepak.html'. The page content is a registration form with the following elements:

- REGISTRATION FORM** (Title)
- First Name:** (Text input field)
- Last Name:** (Text input field)
- Date Of Birth:** (Date picker with 'mm/dd/yyyy' format)
- Gender:** (Radio buttons for 'Male' and 'Female')
- Contact No:** (Text input field)
- Email Address:** (Text input field with placeholder 'Enter email address')
- Any other Information:** (Text area with placeholder 'Enter your full info')
- Submit** and **Reset** buttons at the bottom.

Q 17)Write HTML code to design a form in html using controls and buttons such as textbox,textarea , password, submit button, browse button, drop-down menu.

Input-

```

<html>

<body>

<fieldset><legend><font color='Blue'>APPLICATION FORM</font></legend></fieldset>

<form><bgcolor='red'>

<label>First Name:</label>

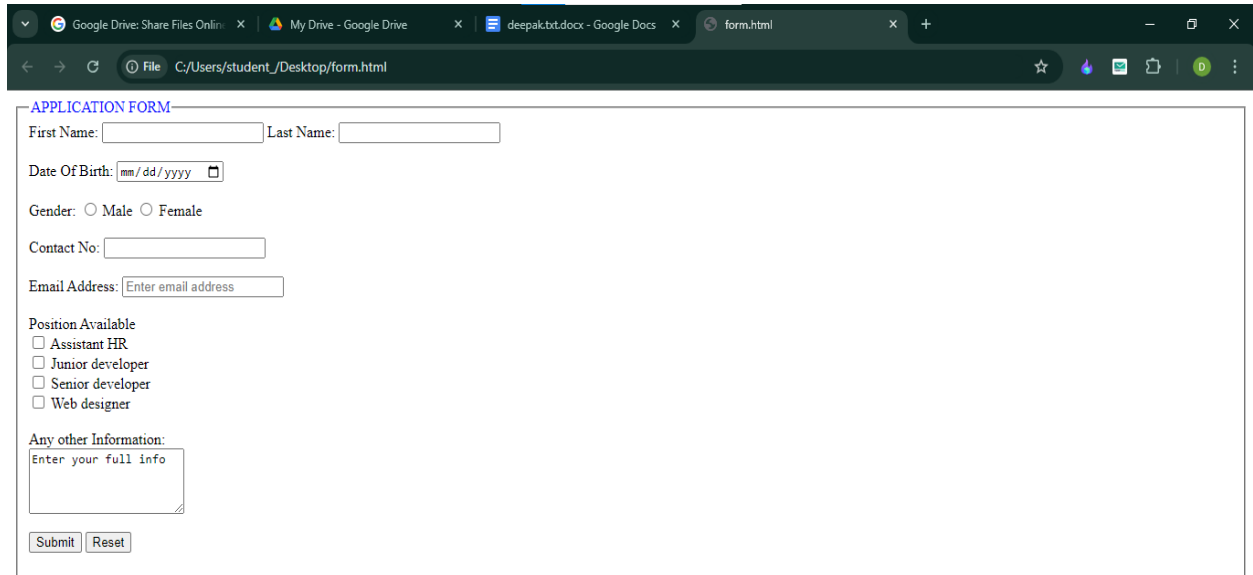
```

```
<input type='text' name='name' id='name'>
<label>Last Name:</label>
<input type='text' name='name' id='name'><br><br>
<label>Date Of Birth:</label>
<input type='date'><br><br>
<label>Gender:</label>
<input type='radio' name='gender' value='Male' >
<label>Male</label>
<input type='radio' name='gender' value='Female' >
<label>Female</label><br><br>
<label>Contact No:</label>
<input type='text'><br><br>
<label>Email Address:</label>
<input type='email' placeholder='Enter email address'><br><br>
<label>Position Available</label><br>
<input type='checkbox' value='Assistant HR'>
<label>Assistant HR</label><br>
<input type='checkbox' value='Junior developer'>
<label>Junior developer</label><br>
<input type='checkbox' value='Senior developer'>
<label>Senior developer</label><br>
<input type='checkbox' value='Web designer'>
<label>Web designer</label><br><br>
<label>Any other Information:</label><br>
<textarea rows='4' cols='20'>Enter your full info</textarea>
<br><br>
<input type='submit' value='Submit'>
<input type='reset' value='Reset'>
</form>
```

</body>

</html>

Output-



The screenshot shows a web browser window with the title 'form.html'. The address bar shows the file path 'C:/Users/student/Desktop/form.html'. The form itself is titled 'APPLICATION FORM' in blue text. It contains the following fields and controls:

- First Name:
- Last Name:
- Date Of Birth: (with a calendar icon)
- Gender: ☐ Male ☐ Female
- Contact No:
- Email Address:
- Position Available (checkboxes):
 - ☐ Assistant HR
 - ☐ Junior developer
 - ☐ Senior developer
 - ☐ Web designer
- Any other Information:
- Submit Reset

Ques 18) Write HTML code to design a registration form in HTML.

input-

<html>

<body>

<fieldset><legend>REGISTRATION FORM</legend></fieldset>

<form><bgcolor='red'>

<label>First Name:</label>

<input type='text' name='name' id='name'>

<label>Last Name:</label>

<input type='text' name='name' id='name'>

<label>Date Of Birth:</label>

<input type='date'>


```
<label>Gender:</label>
<input type='radio' name='gender' value='Male' >
<label>Male</label>
<input type='radio' name='gender' value='Female' >
<label>Female</label><br><br>
<label>Contact No:</label>
<input type='text'><br><br>
<label>Email Address:</label>
<input type='email' placeholder='Enter email address'><br><br>
<label>Any other Information:</label><br>
<textarea rows='4' cols='20'>Enter your full info</textarea>
<br><br>
<input type='submit' value='Submit'>
<input type='reset' value='Reset'>
</form>
</body>
</html>
```

Output-

Ques 19) Write HTML code to design a Student admission form in HTML.

input-

```
<html>
```

```
<body>
```

```
<fieldset><legend><font color='Blue'>STUDENT ADMISSION FORM</font></legend></fieldset>
```

```
<form><bgcolor='red'>
```

```
<label>First Name:</label>
```

```
<input type='text' name='name' id='name'><br><br>
```

```
<label>Last Name:</label>
```

```
<input type='text' name='name' id='name'><br><br>
```

```
<label>Date Of Birth:</label>
```

```
<input type='date'><br><br>
```

```
<label>Gender:</label>
```

```
<input type='radio' name='gender' value='Male' >
```

```
<label>Male</label>
```

```
<input type='radio' name='gender' value='Female' >
```

```
<label>Female</label><br><br>
```

```
<label>Contact No:</label>
```

```
<input type='textbox'><br><br>
<label>Email Address:</label>
<input type='email' placeholder='Enter email address'><br><br>
<label>Address</label>
<textarea rows='4' cols='20'></textarea><br><br>
<label>Course</label>
<input type='text'><br><br>
<label>Father Name</label>
<input type='text'><br><br>
<label>Mother Name</label>
<input type='text'><br><br>
<input type='submit' value='Submit'>
<input type='reset' value='Reset'>
</form>
</body>
</html>
```

Output-


My Drive - Google Drive x deepak.txt.docx - Google Docs x deepak.html x +

File C:/Users/hmm/Desktop/deepak.html

STUDENT ADMISSION FORM

First Name:

Last Name:

Date Of Birth: 

Gender: ☐ Male ☐ Female

Contact No:

Email Address:

Address:

Course:

Father Name:

Mother Name:

Ques 20) Create a proper home page of your own using any components and styles.

input-

```
<html>
```

```
<body>
```

```
<p>I am normal</p>
```

```
<p style="color:red;">I am red</p>
```

```
<p style="color:blue;">I am blue</p>
```

```
<p style="font-size:50px;">I am big</p>
```

```
<h1 style="background-color:powderblue;">This is a heading</h1>
```

```
<p style="background-color:tomato;">This is a paragraph.</p>
```

```
<h1 style="color:blue;">This is a heading</h1>
```

```
<p style="color:red;">This is a paragraph.</p>
```

```
<h1 style="text-align:center;">Centered Heading</h1>
```



```
<p style="text-align:center;">Centered paragraph.</p>
</body>
</html>
```

Output-

