

WEB TECHNOLOGY

2024-25



Manav Rachna International Institute of Research and Studies

School of Computer Applications

Department Of Computer Applications

| Submitted By | |
|---------------|----------------------------------|
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| Semester | 1th |
| Section/Group | B |

| | |
|------------------------|------------------------------|
| Department | Computer Applications |
| Session / Batch | 2024-25 |
| Submitted To | |
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| S. No | Program | C O | BT L | Date of Submis sion | Date of Evalua tion | Rema rks | Signat ure |
| | Introduction to HTML | | | | | | |
| 1. | Create a simple HTML page using basic tags. | CO 1 | | | | | |
| 2. | Create a web page that displays your name to the screen. | CO 1 | | | | | |

| | | | | | | | |
|-----|--|---------|--|--|--|--|--|
| 3. | Create a web page and show the output from 1 to 10 in separate lines. | CO 1 | | | | | |
| 4. | Create a web page and show the output from 1 to 10 in separate lines, each number being in different color. | CO 1 | | | | | |
| 5. | How do I make a picture as a background on my web pages? | CO 1 | | | | | |
| 6. | Create a web page to print a paragraph with 4-5 sentences, each sentence shall have a different font. | CO 1 | | | | | |
| 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; name and title should be underlined and all adjectives shall be bold and Italics. | CO 1 | | | | | |
| 8. | Write HTML code to print your name using Heading tag, every letter shall be of different heading size. | CO 1 | | | | | |
| 9. | Write HTML code to print the sequence of numbers 1-20. Each number shall be in different line with number 2 next to it as subscript, an equal sign and the result. | CO 1 | | | | | |
| 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. | CO 1 | | | | | |
| 11. | Write HTML code to 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 centre, just below the heading. | CO 1 | | | | | |
| 12. | Write HTML code using Multimedia tags. | CO 1 | | | | | |
| 13. | Create a Table using Rowspan and Colspan taking example of student Record. | CO 1 | | | | | |

| | | | | | | | |
|-----|--|---------|--|--|--|--|--|
| 14. | Write HTML code using table tag <table> and cellpadding and cell spacing as its attributes. | CO 1 | | | | | |
| 15. | Create unordered, ordered and definition Lists taking example of your subjects in MCA IST, IIInd and IIIrd Semester. | CO 1 | | | | | |
| 16. | Write HTML code using <frameset> and <frame> tag with all its attributes | CO 1 | | | | | |
| 17. | Write HTML code to design a form in HTML using controls and buttons such as Textbox, Text area, password, submit button, browse button, drop-down menu | CO 1 | | | | | |
| 18. | Write HTML code to design a Registration Form in HTML. | CO 1 | | | | | |
| 19. | Write HTML code to design a student admission Form in HTML. | CO 3 | | | | | |
| 20. | Create a proper home page of your own using any components and styles. | CO 3 | | | | | |
| 21. | Write HTML code for including Local hyperlinking in a web page. | CO 3 | | | | | |
| 22. | Write HTML code for including Inter hyperlinking in a web page. | CO 3 | | | | | |
| 23. | Write HTML code for including External hyperlinking in a web page. | CO 3 | | | | | |
| 24. | Write code to show External CSS with HTML code | CO 3 | | | | | |
| 25. | Write code to show Internal CSS with HTML code. | CO 3 | | | | | |
| 26. | Write code to show Inline CSS with HTML code. | CO 3 | | | | | |

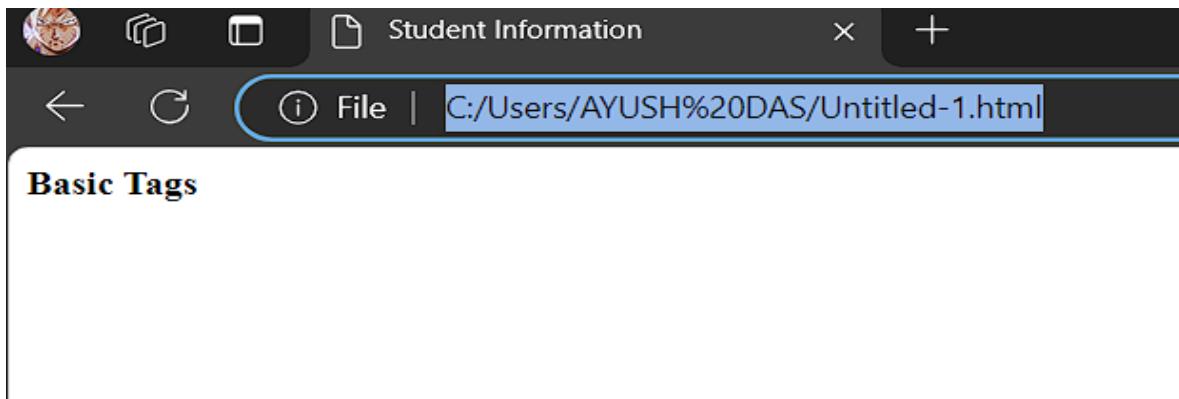
| | | | | | | | |
|-----|--|---------|--|--|--|--|--|
| 27. | Write a program to add two numbers using form in JavaScript. | CO 2 | | | | | |
| 28. | Write a program in JavaScript to swap two images using on mouseover event. | CO 2 | | | | | |
| 29. | Write a simple JavaScript program to sort an array | CO 2 | | | | | |
| 30. | Write a JavaScript program to take as input three numbers from the user. Find the minimum and maximum of the three numbers. Print the following output in BOLD in the following format: MINIMUM = MAXIMUM = | CO 2 | | | | | |
| 31. | Make a mini project based on above mentioned list of practicals. | CO 4 | | | | | |

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>
```

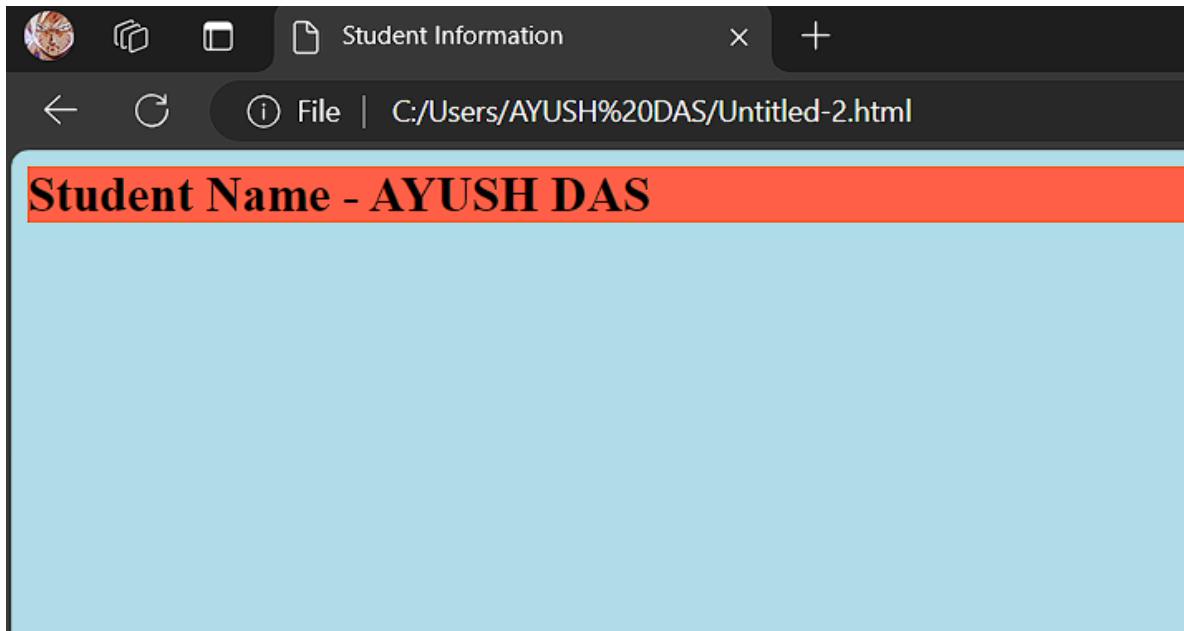
OUTPUT-



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

INPUT-

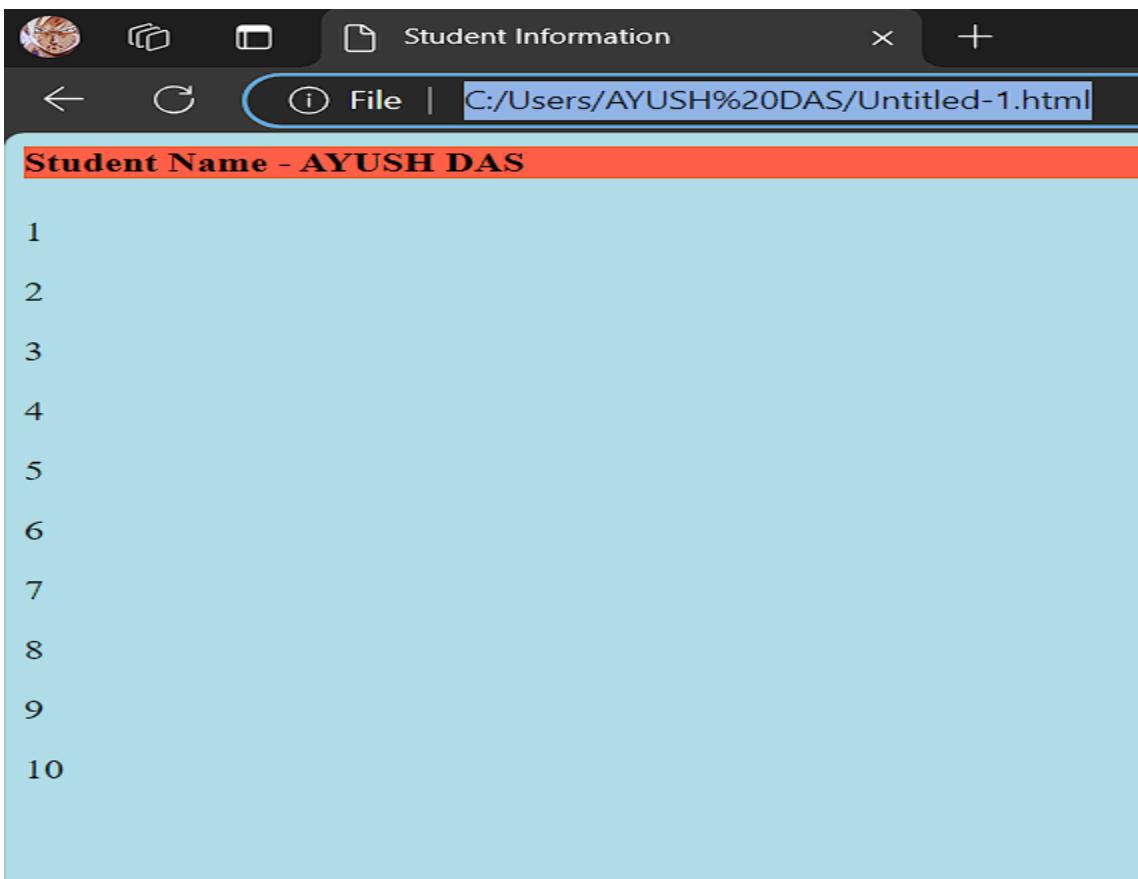
```
<html>
<head>
<title> Student Information </title>
</head>
<body style="background-color:powderblue;">
<h2 style="background-color:Tomato;"> Student Name - AYUSH DAS </h2>
</body>
</html>
```

OUTPUT-

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 style="background-color:powderblue;">
<h4 style="background-color:Tomato;"> Student Name - AYUSH DAS </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 -

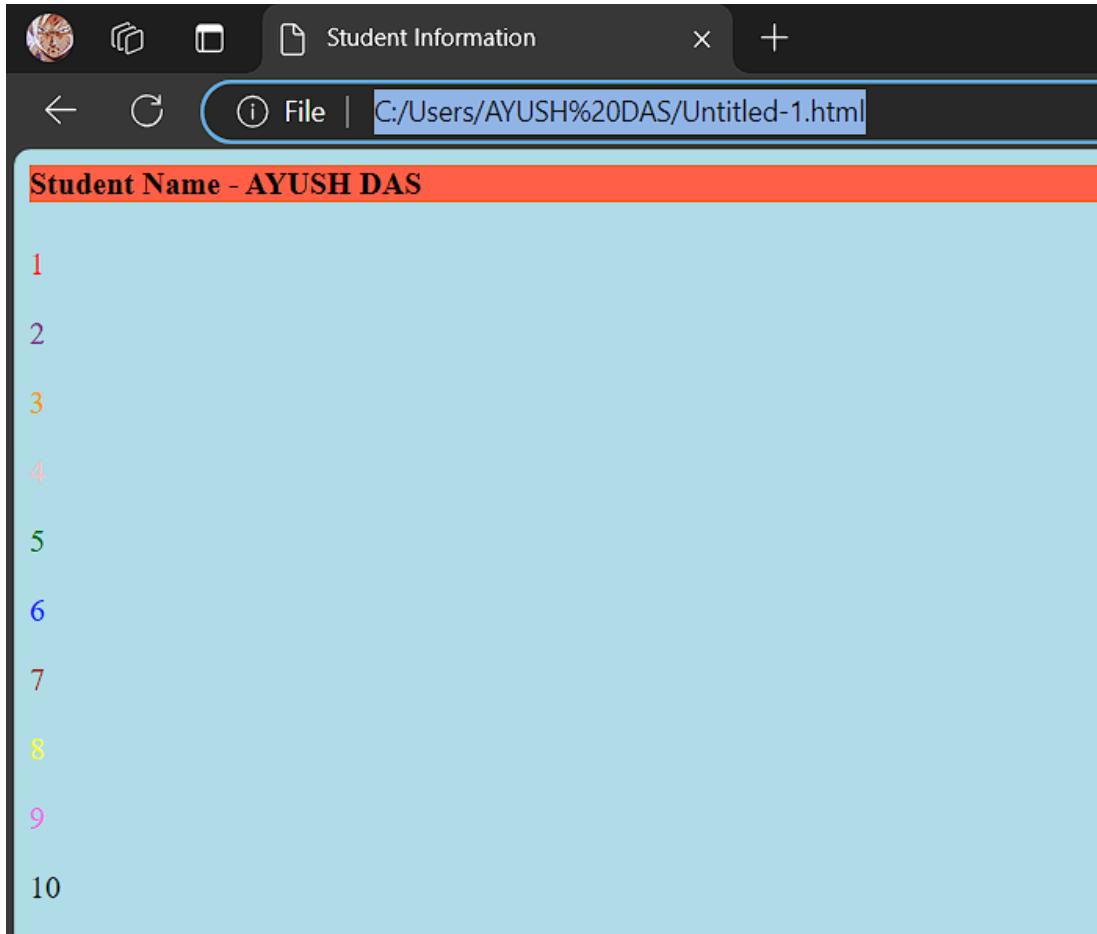
Question 4) Create a web page and show the output from 1 to 10 in separate lines, each number being in different color.

INPUT-

```
<html>
<head>
<title> Student Information </title>
</head>
<body style="background-color:powderblue;">
<h4 style="background-color:Tomato;"> Student Name - AYUSH DAS</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>
```

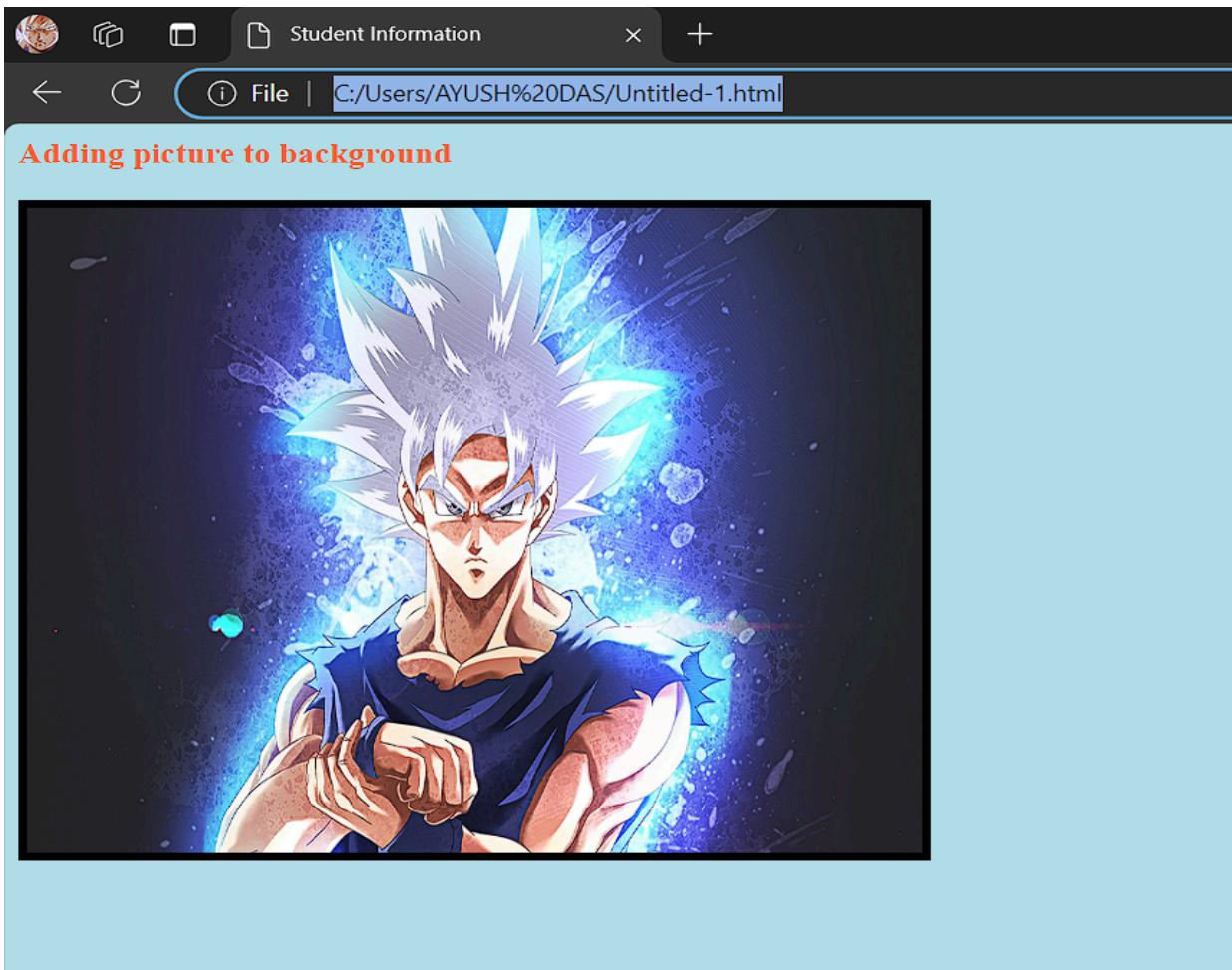
OUTPUT -



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>
<img src=""C:\Users\AYUSH DAS\Downloads\2421050.webp"" >
</body>
</html>
```

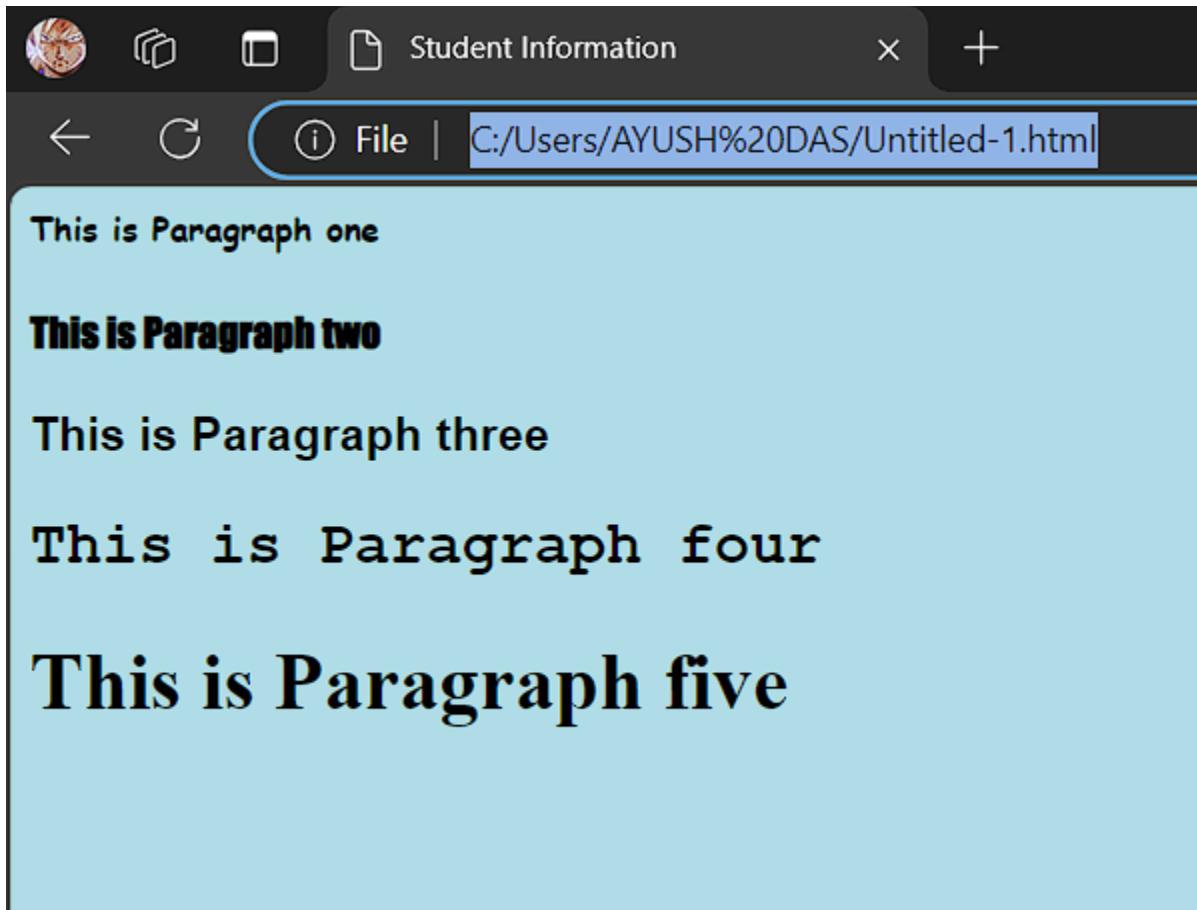
OUTPUT -

Question 6) Create a web page to print a paragraph with 4-5 sentences, each sentence 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>
```

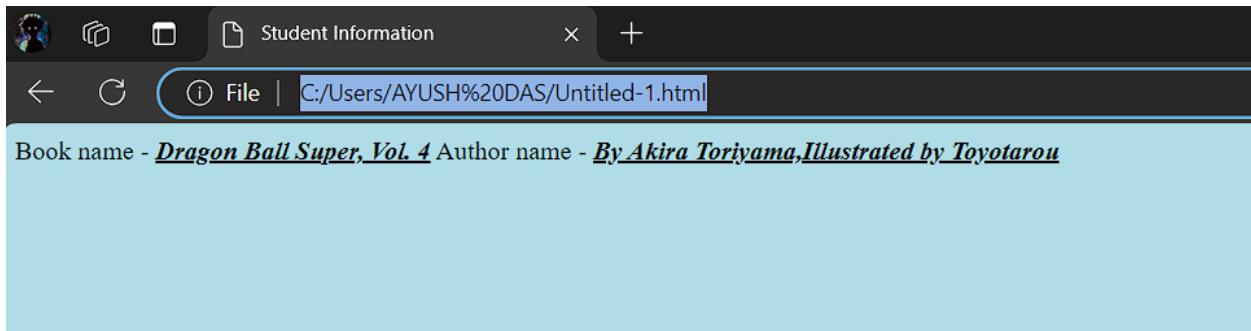
OUTPUT -



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; name and title should be underlined and all adjectives shall be bold and Italics.

INPUT-

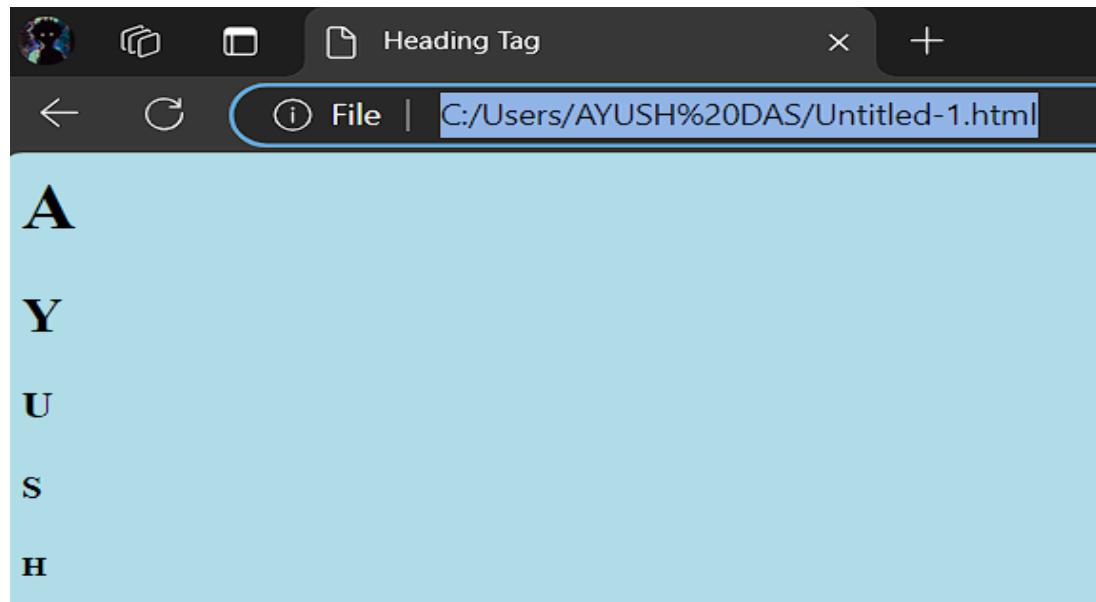
```
<html>
<head>
<title> Student Information </title>
</head>
<body style="background-color:powderblue;">
<p>Book name - <b><u><i>Dragon Ball Super, Vol. 4</i></u></b> Author name - <b><u><i>By
Akira Toriyama, Illustrated by Toyotarou</i></u></b></p>
</body>
</html>
```

OUTPUT -

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

INPUT-

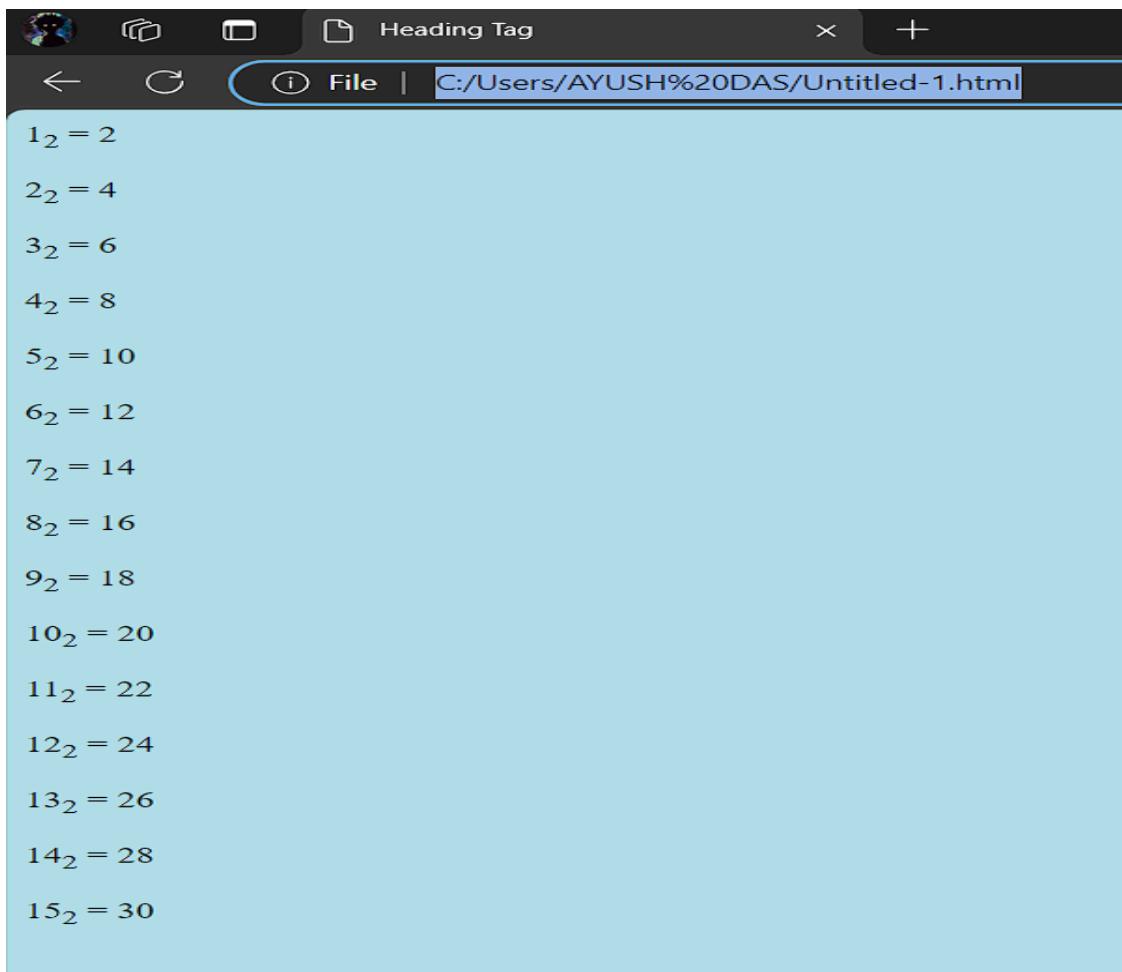
```
<html>
<head>
<title> Heading Tag </title>
</head>
<body style="background-color:powderblue;">
<h1>A</h1>
<h2>Y</h2>
<h3>U</h3>
<h4>S</h4>
<h5>H</h5>
</body>
</html>
```

OUTPUT -

Question 9) Write HTML code to print the sequence of numbers 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>1<sub>2</sub> = 2</p>
<p>2<sub>2</sub> = 4</p>
<p>3<sub>2</sub> = 6</p>
<p>4<sub>2</sub> = 8</p>
<p>5<sub>2</sub> = 10</p>
<p>6<sub>2</sub> = 12</p>
<p>7<sub>2</sub> = 14</p>
<p>8<sub>2</sub> = 16</p>
<p>9<sub>2</sub> = 18</p>
<p>10<sub>2</sub> = 20</p>
<p>11<sub>2</sub> = 22</p>
<p>12<sub>2</sub> = 24</p>
<p>13<sub>2</sub> = 26</p>
<p>14<sub>2</sub> = 28</p>
<p>15<sub>2</sub> = 30</p>
</body>
</html>
```

OUTPUT -

A screenshot of a web browser window titled "Heading Tag". The address bar shows the file path "C:/Users/AYUSH%20DAS/Untitled-1.html". The main content area displays a list of binary-to-decimal conversions:

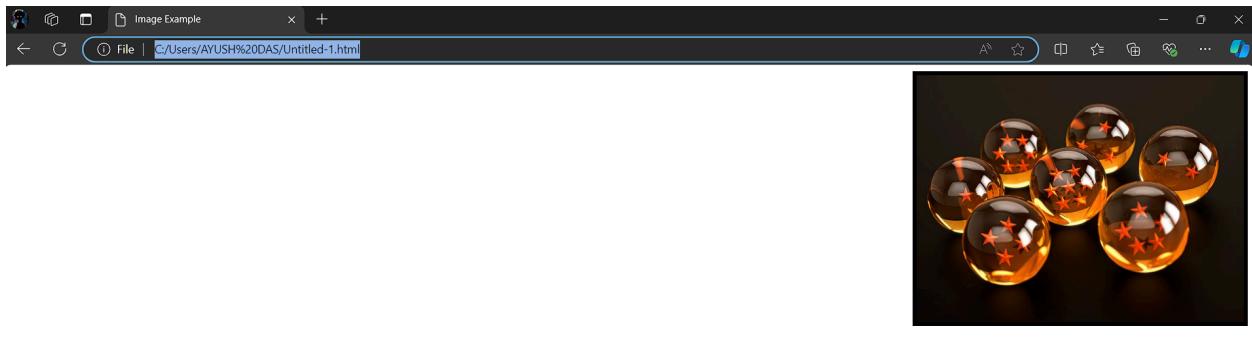
- $1_2 = 2$
- $2_2 = 4$
- $3_2 = 6$
- $4_2 = 8$
- $5_2 = 10$
- $6_2 = 12$
- $7_2 = 14$
- $8_2 = 16$
- $9_2 = 18$
- $10_2 = 20$
- $11_2 = 22$
- $12_2 = 24$
- $13_2 = 26$
- $14_2 = 28$
- $15_2 = 30$

Question 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 Example</title>
</head>
<body>
    <img src=""C:\Users\AYUSH DAS\Downloads\4478f6b3ac497b92d464cf3004057722.jpg"""
width="400" height="300" style="border: 5px solid black;" align="right">
</body>
</html>
```

OUTPUT-

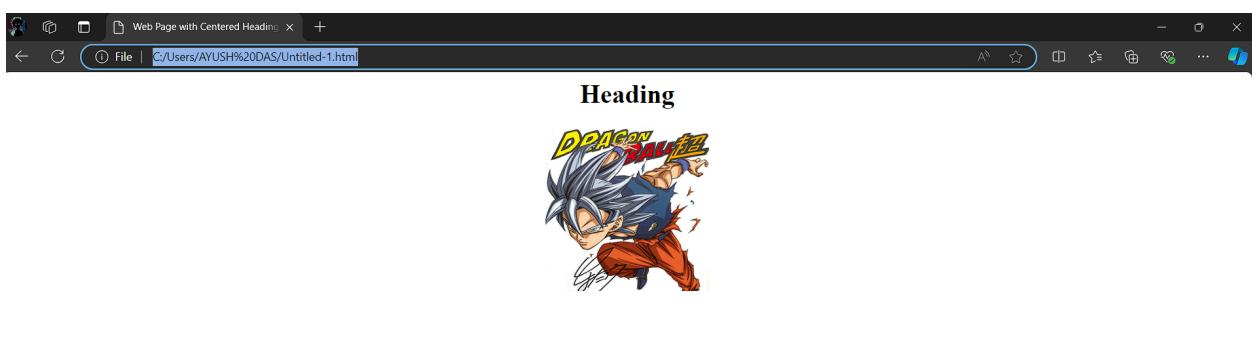


Question 11) write a html code to create a web page with heading. the heading shall be displayed at the top-centre of the page and the image shall be at the centre , just below the heading .

INPUT-

```
<html>
<head>
    <title>Web Page with Centered Heading and Image</title>
</head>
<body>
    <h1 style="text-align: center;">Heading</h1>
    <div style="text-align: center;">
        
    </div>
</body>
</html>
```

OUTPUT -



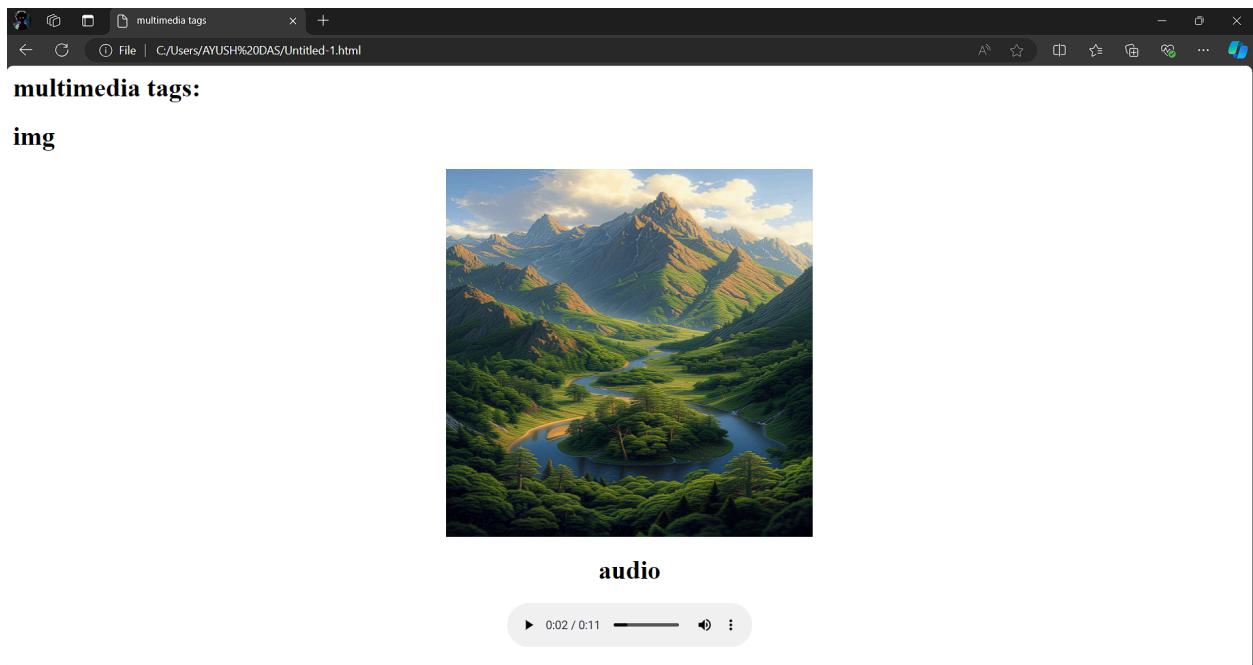
Question 12) Write HTML code using Multimedia tags.

INPUT-

```
<html>
<head>
<title> multimedia tags</title>
</head>
<body>
<h1> multimedia tags: </h1>
<h1>img</h1>
<center>

<h1> audio </h1>
<audio src="C:\Users\AYUSH DAS\Downloads\wowowowowowowow-103214.mp3" controls/>
</body>
</html>
```

OUTPUT -



Question 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'>ARJUN</td>
<td rowspan='2'>KUMAR</td>
<td> 11</td>
<td>mvps</td></tr>
<tr>
<td>A</td></tr>
<tr>
<td rowspan='2'>ARUN</td>
<td rowspan='2'>SINGH</td>
<td> 3</td>
<td>nvps</td></tr>
<tr>
<td>B</td></tr>
</body>
</html>
```

OUTPUT-

| Name | class | school |
|-------|-------|-----------------|
| ARJUN | KUMAR | 11 A mvps |
| ARUN | SINGH | 3 B nvps |
| | | |

Question 14) Write HTML code using table tag <table> and cellpadding and cell spacing as its attributes.

INPUT-

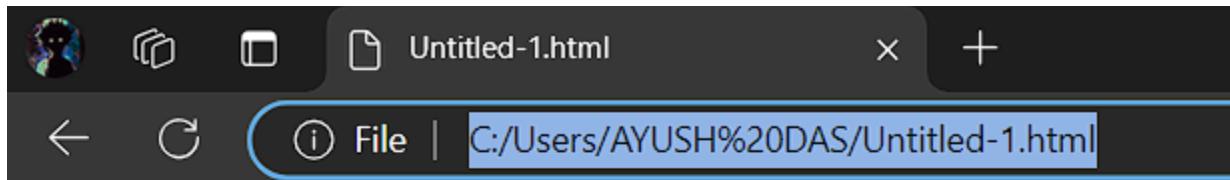
```
<html>
<head></head>
<body>
<table border="2pt" cellspacing="5pt" cellpadding="5pt">
<tr>
<th>S.no</th>
<th>Roll no.</th>
<th>Name</th>
<th>Address</th></tr>
<tr>
<td>1</td>
<td>123</td>
<td>ABC</td>
```

```

<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 displaying the generated HTML table. The table has four columns: S.no, Roll no., Name, and Address. The data rows correspond to the entries in the original code.

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

Question 15) Create unordered, ordered and definition Lists taking example of your subjects in MCA IST, IInd and IIIrd Semester.

INPUT-

```
<html>
<head>
</head>
<body>
<h2> Subjects in BCA sem 1</h3>
<ol>
<li>Web technologies</li>
<li>Introduction to IT & programming in C</li>
<li>Mathematics</li>
<li>DBMS</li>
<li>SDGs</li>
<li>IKS</li>
<li>CDCs</li>
</ol>
<h2> Sunject in BCA sem 2 </h2>
<ul>
<li>COMMUNICATION</li>
<li>DATA STRUCTURE</li>
<li>JAVA</li>
<li>OPERATING SYSTEM</li>
<li>STATICS FOR BCA</li>
</ul>
<h2>Subjects in BCA Sem 3</h2>
```

```
<dl>  
<dt>C++</dt>  
<dt>COMPUTER ARCHITECTURE</dt>  
<dt>BUSINESS ECONOMICS</dt>  
<dt>ELEMENT OF STATICS</dt>  
<dt>DSA OF C++</dt>  
</dl>  
</body>  
</html>
```



The screenshot shows a web browser window with the title bar "Untitled-1.html". The address bar shows the file path "C:/Users/AYUSH%20DAS/Untitled-1.html". The main content area displays the rendered HTML code. It features three section headers: "Subjects in BCA sem 1", "Subject in BCA sem 2", and "Subjects in BCA Sem 3". Below each header is a list of subjects. The "Subjects in BCA sem 1" section lists 7 subjects. The "Subject in BCA sem 2" section lists 5 subjects. The "Subjects in BCA Sem 3" section lists 5 subjects. At the bottom left, there is a bolded "OUTPUT -" followed by a list of subjects.

Subjects in BCA sem 1

1. Web technologies
2. Introduction to IT & programming in C
3. Mathematics
4. DBMS
5. SDGs
6. IKS
7. CDCs

Subject in BCA sem 2

- COMMUNICATION
- DATA STRUCTURE
- JAVA
- OPERATING SYSTEM
- STATICS FOR BCA

Subjects in BCA Sem 3

C++
COMPUTER ARCHITECTURE
BUSINESS ECONOMICS
ELEMENT OF STATICS
DSA OF C++

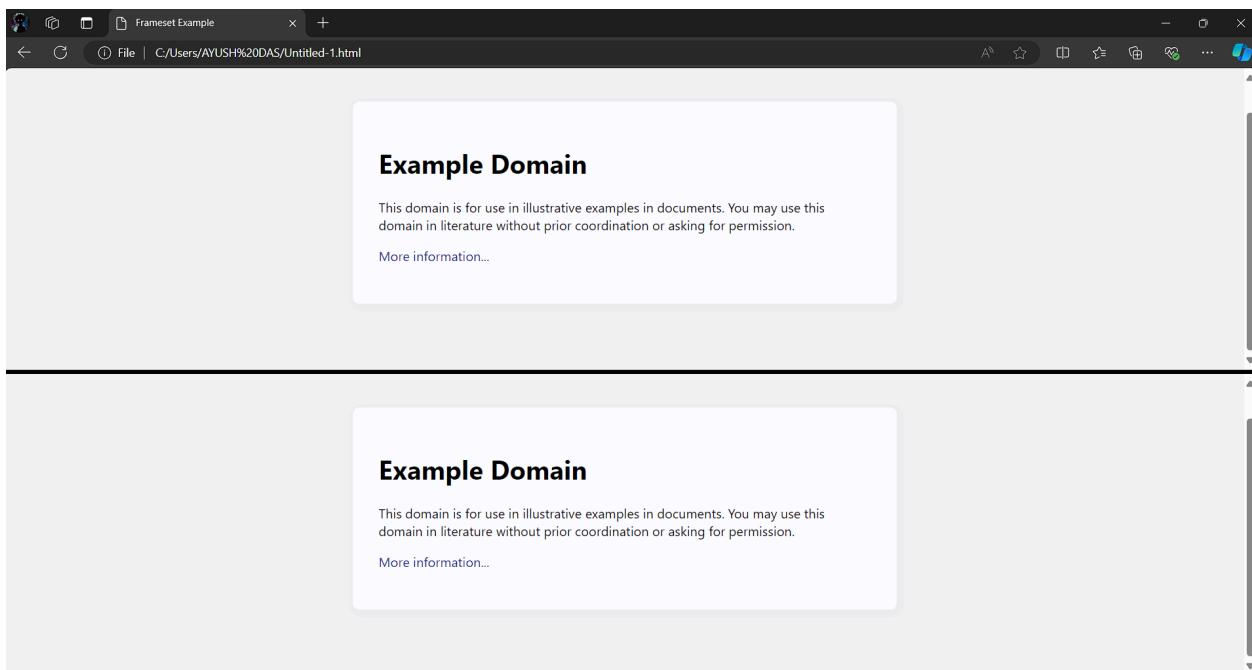
OUTPUT -

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

INPUT-

```
<html>
<head>
    <title>Frameset Example</title>
</head>
<frameset rows="50%,50%" frameborder="1" bordercolor="black" framespacing="5">
    <frame src="https://www.example.com" name="topFrame" scrolling="yes"
noresize="noresize" target="_self" />
    <frame src="https://www.example.org" name="bottomFrame" scrolling="auto"
noresize="noresize" target="_self" />
</frameset>
<noframes>
    <body>
        <p>Your browser does not support frames. Please update your browser.</p>
    </body>
</noframes>
</html>
```

OUTPUT -



Question 17 Write HTML code to design a form in HTML using controls and buttons such as Teaxtbox, Textarea, password, submit button, browse button, drop-down menu

INPUT-

```
<html>
<head>
    <title>Form with Various Controls</title>
</head>
<body>
    <h1>Registration Form</h1>
    <form action="submit.php" method="post" enctype="multipart/form-data">
        <label for="name">Name:</label>
        <input type="text" id="name" name="name" required><br><br>
        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required><br><br>
        <label for="password">Password:</label>
        <input type="password" id="password" name="password" required><br><br>
        <label for="profile_pic">Profile Picture:</label>
```

```
<input type="file" id="profile_pic" name="profile_pic"><br><br>
<label for="country">Country:</label>
<select id="country" name="country">
  <option value="india">India</option>
  <option value="usa">USA</option>
  <option
    value="uk">UK</option>
</select><br><br>
<label for="message">Message:</label>
<textarea id="message" name="message" rows="5" cols="30"></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 with Various Controls". The address bar indicates the file path is "C:/Users/AYUSH%20DAS/Untitled-1.html". The main content area displays a registration form with the following fields:

- Name:
- Email:
- Password:
- Profile Picture: 1729777656398.jpg
- Country:
- Message:

HELLO EVERYONE 
-

Question 18. Write HTML code to design a Registration Form in HTML.

INPUT-

```
<html>
<head>
    <title>Grade Volleyball Registration Form</title>
</head>
<body>
    <h1>Grade Volleyball Registration Form</h1>
    <form action="submit.php" method="post">
        <label for="first_name">Participant Name</label><br>
        <input type="text" id="first_name" name="first_name" placeholder="First"><br>
        <input type="text" name="last_name" placeholder="Last"><br><br>
        <label for="age">Age</label><br>
        <input type="number" id="age" name="age"><br><br>

        <label for="grade">Grade</label><br>
        <select id="grade" name="grade">
            <option value="">Please select</option>
            <option value="1">1</option>
            <option value="2">2</option>
        </select><br><br>
        <label for="school_district">School District</label><br>
        <input type="text" id="school_district" name="school_district"><br><br>
        <label for="shirt_size">Shirt Size</label><br>
        <select id="shirt_size" name="shirt_size">
            <option value="">Please select</option>
            <option value="s">Small</option>
            <option value="m">Medium</option>
            <option value="l">Large</option>
        </select>
    </form>
</body>
</html>
```

```

<option value="xl">Extra Large</option>
</select><br><br>
<label for="parent_first_name">Parent Name</label><br>
<input type="text" id="parent_first_name" name="parent_first_name"
placeholder="First"><br>
<input type="text" name="parent_last_name" placeholder="Last"><br><br>
<label for="emergency_contact">Emergency Contact</label><br>
<input type="text" id="emergency_contact" name="emergency_contact"><br><br>
<input type="submit" value="Submit">
</form>
</body>
</html>

```

Grade Volleyball Registration Form

Participant Name

Age

Grade

School District

Shirt Size

Parent Name

Emergency Contact

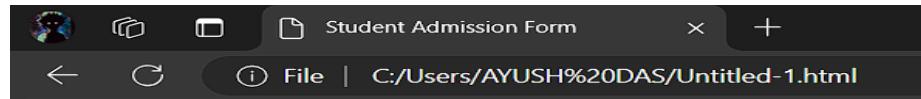
OUTPUT -

Question 19) Write HTML code to design a student admission Form in HTML.

INPUT-

```
<html>
<head>
    <title>Student Admission Form</title>
</head>
<body>
    <h1>Student Admission Form</h1>
    <form action="submit.php" method="post">
        <label for="student_name">Student Name</label><br>
        <input type="text" id="student_name" name="student_name" required><br><br>
        <label for="date_of_birth">Date of Birth</label><br>
        <input type="date" id="date_of_birth" name="date_of_birth" required><br><br>
        <label
for="gender">Gender</label><br>
        <input type="radio" id="male" name="gender" value="male">
        <label for="male">Male</label>
        <input type="radio" id="female"
name="gender" value="female">
        <label for="female">Female</label><br><br>
        <label for="address">Address</label><br>
        <textarea id="address" name="address"
rows="5" cols="30" required></textarea><br><br>
        <label for="phone_number">Phone Number</label><br>
        <input type="tel" id="phone_number" name="phone_number" required><br><br>
        <label for="email">Email</label><br>
```

```
<input type="email" id="email" name="email" required><br><br>
<label for="class">Class</label><br>
<select id="class" name="class" required>
    <option value="">Please select</option>
    <option value="1">1</option>
    <option value="2">2</option>
</select><br><br>
<label for="guardian_name">Guardian Name</label><br>
<input type="text" id="guardian_name" name="guardian_name" required><br><br>
<label for="guardian_contact">Guardian Contact</label><br>
<input type="tel" id="guardian_contact" name="guardian_contact" required><br><br>
<input type="submit" value="Submit">
</form>
</body>
</html>
```



Student Admission Form

Student Name

Date of Birth

 dd - mm - yyyy

Gender

Male Female

Address

Phone Number

Email

Class

Guardian Name

Guardian Contact

OUTPUT -

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

INPUT-

```
<html>
<head>
    <title>My Personal Website</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <header>
```

```
<h1>My Name</h1>
<nav>
  <ul>
    <li><a href="index.html">Home</a></li>
    <li><a href="about.html">About</a></li>
    <li><a href="projects.html">Projects</a></li>
    <li><a href="contact.html">Contact</a></li>
  </ul>
</nav>
</header>

<main>
  <section>
    <h2>Welcome to My
    Website!</h2>
    <p>This is a brief introduction about myself. Feel free to explore my projects and contact
    me.</p>
    
  </section>
</main>
<footer>
  <p>&copy; 2023 My Name</p>
</footer>
</body>
</html>
```

OUTPUT-

The screenshot shows a web browser window with the title bar "My Personal Website". The address bar displays the file path "C:/Users/AYUSH%20DAS/Untitled-1.html". The main content area of the browser shows the following:

My Name

- [Home](#)
- [About](#)
- [Projects](#)
- [Contact](#)

Welcome to My Website!

This is a brief introduction about myself. Feel free to explore my projects and contact me.

A large illustration of Son Goku in his Super Saiyan form is shown, running towards the viewer. To his right, the words "DRAGON" and "BALL" are stacked vertically in yellow, while "Z" is written horizontally in red. Below the main text, the letters "S.H.E.S." are written in a stylized black font.

© 2023 My Name

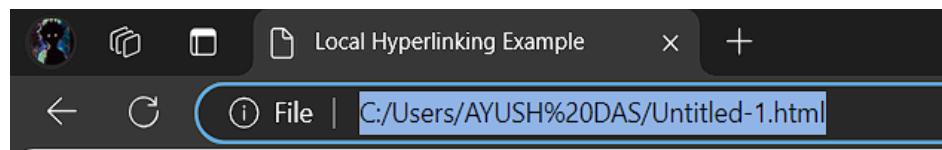
Question 21) Write HTML code for including Local hyperlinking in a web page.

INPUT-

```
<html>
```

```
<head>
```

```
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Local Hyperlinking Example</title>
</head>
<body>
<h1>Welcome to My Web Page</h1>
<p>Click the links below to jump to different sections of the page:</p>
<ul>
<li><a href="#section1">Go to Section 1</a></li>
<li><a href="#section2">Go to Section 2</a></li>
<li><a href="#section3">Go to Section 3</a></li>
</ul>
<div id="section1">
<h2>Section 1</h2>
<p>This is the first section of the page.</p>
</div>
<div id="section2">
<h2>Section 2</h2>
<p>This is the second section of the page.</p>
</div>
<div id="section3">
<h2>Section 3</h2>
<p>This is the third section of the page.</p>
</div>
</body>
</html>
```



Welcome to My Web Page

Click the links below to jump to different sections of the page:

- [Go to Section 1](#)
- [Go to Section 2](#)
- [Go to Section 3](#)

Section 1

This is the first section of the page.

Section 2

This is the second section of the page.

Section 3

This is the third section of the page.

OUTPUT-

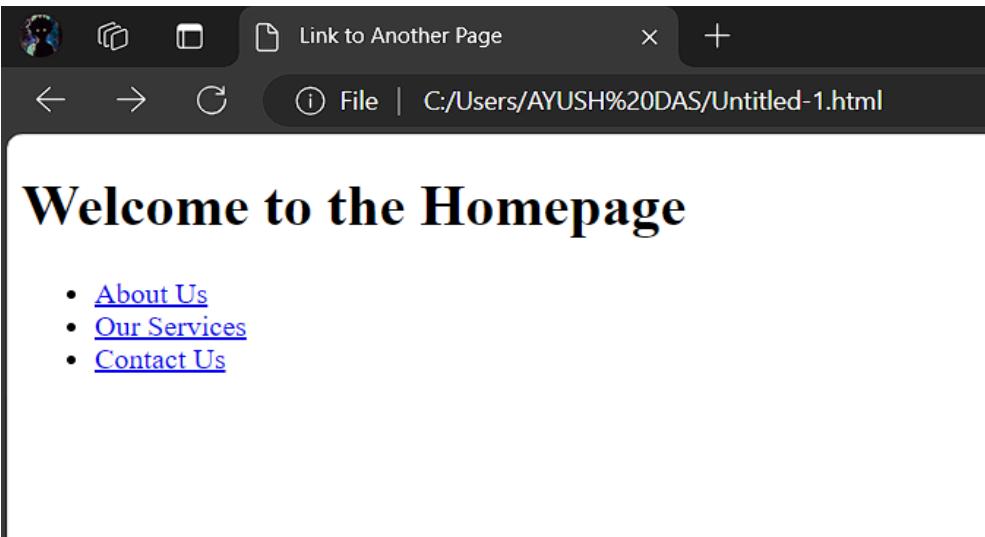
Question 22) Write HTML code for including Inter hyperlinking in a web page.

INPUT-

```
<html>
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Link to Another Page</title>
</head>
```

```
<body>
<h1>Welcome to the Homepage</h1>
<nav>
<ul>
<li><a href="about.html">About Us</a></li>
<li><a href="services.html">Our Services</a></li>
<li><a href="contact.html">Contact Us</a></li>
</ul>
</nav>
</body>
</html>
```

OUTPUT-



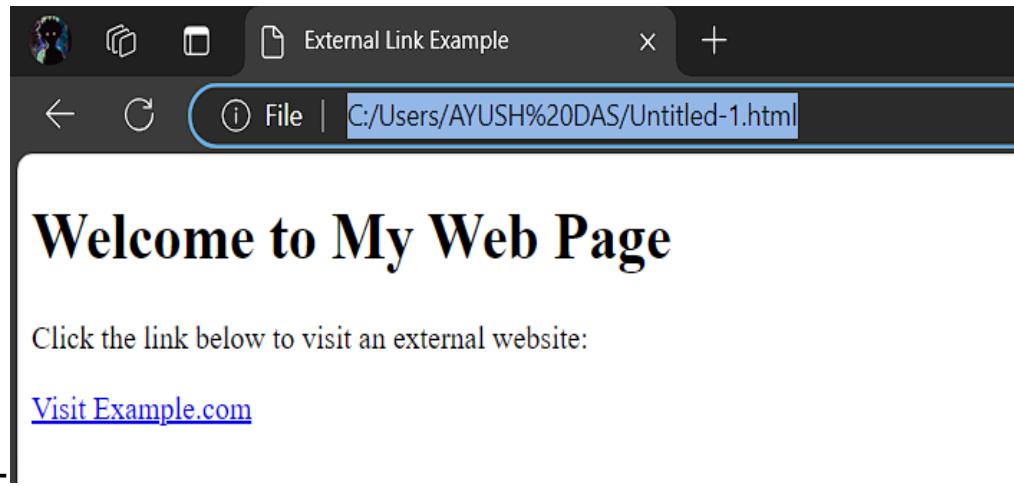
The screenshot shows a web browser window with a dark theme. The address bar displays the file path: C:/Users/AYUSH%20DAS/Untitled-1.html. The main content area shows the rendered HTML. At the top, there is a large **Welcome to the Homepage** heading. Below it is a navigation menu consisting of a bulleted list with three items: [About Us](#), [Our Services](#), and [Contact Us](#). All the text in the list is colored blue, indicating they are hyperlinks.

Question 23) Write HTML code for including External hyperlinking in a web page

INPUT-

```
<html>
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>External Link Example</title>
</head>
<body>
    <h1>Welcome to My Web Page</h1>
    <p>Click the link below to visit an external website:</p>
    <a href="https://www.example.com" target="_blank">Visit Example.com</a>
</body>
</html>
```



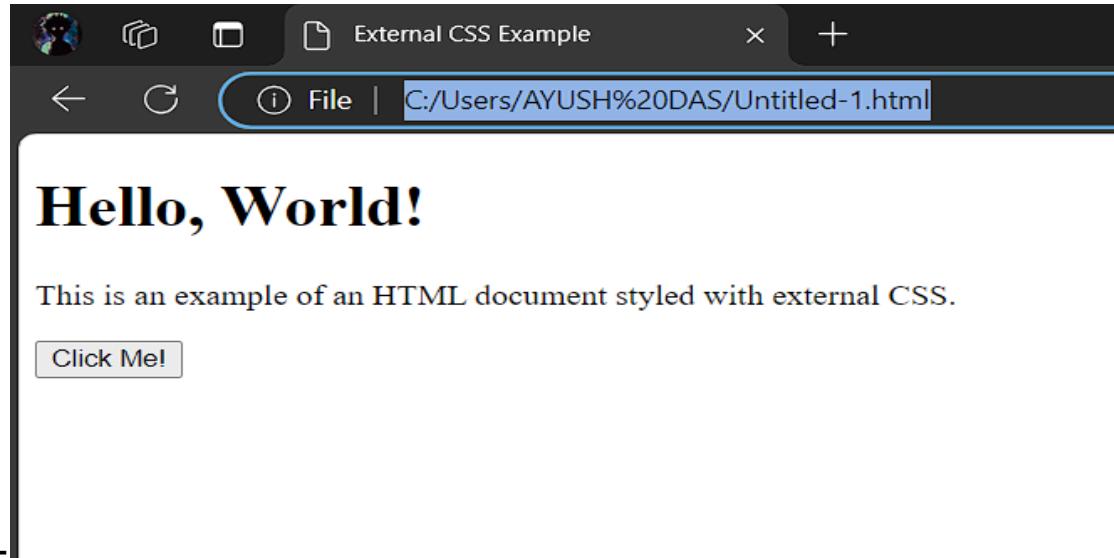
OUTPUT-

Question 24) Write code to show External CSS with HTML code

INPUT-

```
<html>
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>External CSS Example</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
```

```
<h1>Hello, World!</h1>
<p>This is an example of an HTML document styled with external CSS.</p>
<button>Click Me!</button>
</body>
</html>
```



OUTPUT-

Question 25) Write code to show Internal CSS with HTML code.

INPUT-

```
<html>
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Internal CSS Example</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f4f4f9;
      margin: 0;
```

```
padding: 0;
}

h1 {
    color: #333;
    text-align: center;
    margin-top: 20px;
}

p {
    color: #555;
    font-size: 18px;
    text-align: center;
    line-height: 1.6;
}

.highlight {
    background-color: yellow;
    font-weight: bold;
}

.container {
    width: 80%;
    margin: 0 auto;
    padding: 20px;
    background-color: #fff;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

</style>

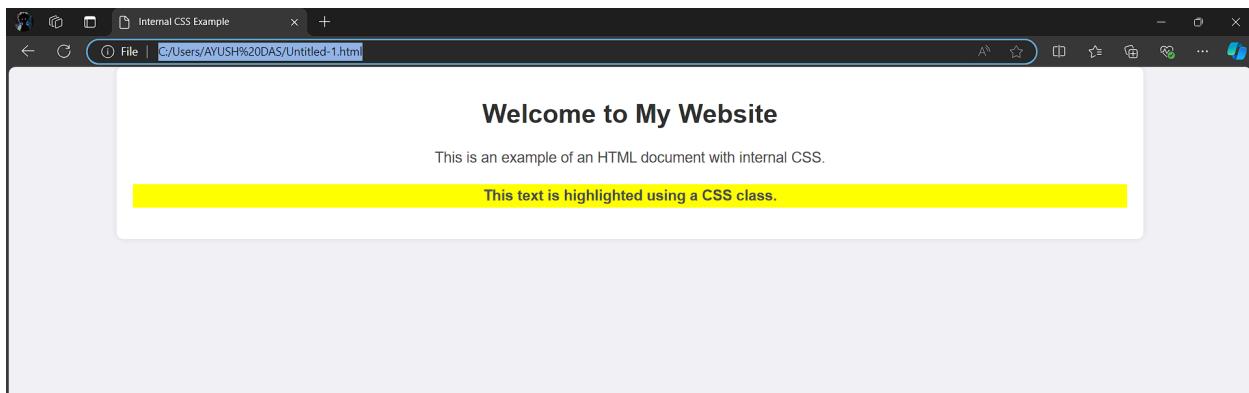
</head>

<body>

<div class="container">
    <h1>Welcome to My Website</h1>
```

```
<p>This is an example of an HTML document with internal CSS.</p>
<p class="highlight">This text is highlighted using a CSS class.</p>
</div>
</body>
</html>
```

OUTPUT-



Question 26) Write code to show Inline CSS with HTML code

INPUT-

```
<html>
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Inline CSS Example</title>
</head>
<body>
<h1 style="color: blue; text-align: center;">Welcome to My Web Page</h1>
<p style="font-size: 18px; color: green; font-family: Arial, sans-serif;">This is a simple
paragraph with inline CSS styling. You can apply styles directly within HTML tags using the
"style" attribute.</p>
<div style="background-color: lightgray; padding: 10px; border-radius: 5px;">
```

```

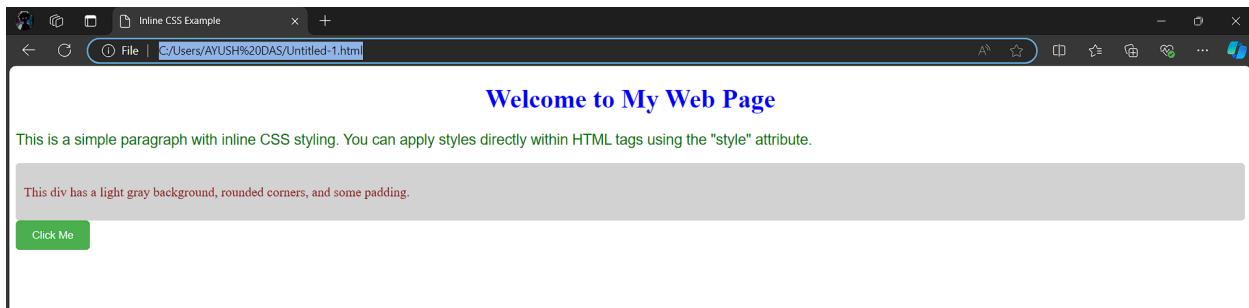
<p style="color: darkred;">This div has a light gray background, rounded corners, and some padding.</p>
</div>

<button style="background-color: #4CAF50; color: white; padding: 10px 20px; border: none; border-radius: 5px; cursor: pointer;">
    Click Me
</button>

</body>
</html>

```

OUTPUT-



Question 27) Write a program to add two numbers using form in JavaScript.

INPUT-

```

<html>
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Add Two Numbers</title>
    <script>
        function addNumbers() {
            const num1 = parseFloat(document.getElementById("num1").value);
            const num2 = parseFloat(document.getElementById("num2").value);
            if (isNaN(num1) || isNaN(num2)) {

```

```
document.getElementById("result").innerHTML = "Please enter valid numbers.";
} else {
    const sum = num1 + num2;
    document.getElementById("result").innerHTML = "Result: " + sum;
}
}

</script>
</head>
<body>
<h2>Add Two Numbers</h2>
<form onsubmit="event.preventDefault(); addNumbers();">
    <label for="num1">Number 1: </label>
    <input type="number" id="num1" required>
    <br><br>
    <label for="num2">Number 2: </label>
    <input type="number" id="num2" required>
    <br><br>
    <input type="submit" value="Add">
</form>
<p id="result"></p>
</body>
</html>
```

The screenshot shows a web browser window with the title bar "Add Two Numbers". The address bar shows the file path "C:/Users/AYUSH%20DAS/Untitled-1.html". The main content area displays the following HTML form:

```
<h2>Add Two Numbers</h2>
<form>
  <label>Number 1:</label> <input type="text" value="355"/>
  <label>Number 2:</label> <input type="text" value="255"/>
  <input type="button" value="Add"/>
  <div>Result: 610</div>
</form>
```

OUTPUT-

Question 28) Write a program in JavaScript to swap two images using on mouseover event.

INPUT-

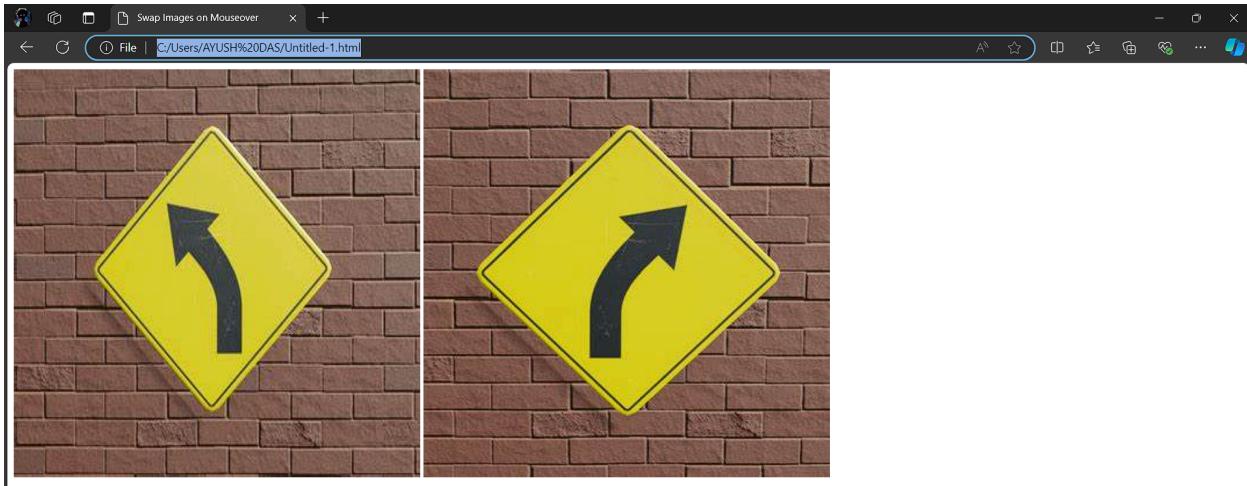
```
<html>
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Swap Images on Mouseover</title>
  </head>
  <body>
    
    
    <script>
      function swapImages() {
        var image1 = document.getElementById("image1");
        var image2 = document.getElementById("image2");
        // Swap the images here
      }
      function resetImages() {
        // Reset the images here
      }
    </script>
  </body>
</html>
```

```
var tempSrc = image1.src;
image1.src = image2.src;
image2.src = tempSrc;
}

function resetImages() {
    var image1 = document.getElementById("image1");
    var image2 = document.getElementById("image2");
    image1.src ="Downloads/OIP (1).jpeg";
    image2.src ="Downloads/OIP.jpeg" ;
}

</script>
</body>
</html>
```

OUTPUT-





Question 29) Write a simple JavaScript program to sort an array

INPUT-

```
let numbers = [5, 3, 8, 1, 2, 7, 99, 88, 543, 12, 667, 7879];
numbers.sort(function(a, b) {
    return a - b;
});
console.log("Sorted array:", numbers);
```

```
node /tmp/rN3rNXwi4r.js
Sorted array: [
  1,   2,   3,   5,
  7,   8,   12,  88,
  99,  543, 667, 7879
]
```

OUTPUT-

Question 30) Write a JavaScript program to take as input three numbers from the user. Find the minimum and maximum of the three numbers. Print the following output in BOLD in the following format: MINIMUM = MAXIMUM =

INPUT-

```
<html>
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Find Minimum and Maximum</title>
</head>
<body>
<h2>Find Minimum and Maximum of Three Numbers</h2>
<label for="num1">Enter first number:</label>
<input type="number" id="num1" required>
<br><br>
<label for="num2">Enter second number:</label>
<input type="number" id="num2" required>
<br><br>
<label for="num3">Enter third number:</label>
<input type="number" id="num3" required>
<br><br>
<button onclick="findMinMax()">Find Minimum and Maximum</button>
<h3 id="output"></h3>
<script>
function findMinMax() {
    const num1 = parseFloat(document.getElementById("num1").value);
    const num2 = parseFloat(document.getElementById("num2").value);
    const num3 = parseFloat(document.getElementById("num3").value);
    if (isNaN(num1) || isNaN(num2) || isNaN(num3)) {
        alert("Please enter valid numbers in all fields.");
    }
}
```

```

        return;
    }

    const minimum = Math.min(num1, num2, num3);
    const maximum = Math.max(num1, num2, num3);

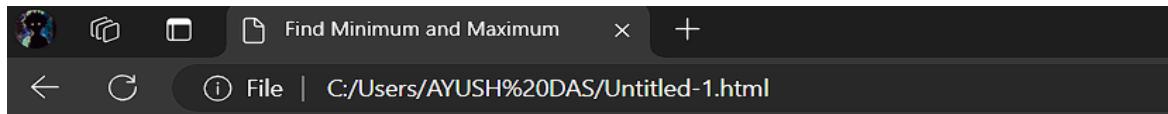
    document.getElementById("output").innerHTML =
`MINIMUM = ${minimum} &nbsp;&nbsp;&nbsp;
MAXIMUM = ${maximum}
`;
}

</script>

</body>
</html>

```

OUTPUT-



Find Minimum and Maximum of Three Numbers

Enter first number:

Enter second number:

Enter third number:

MINIMUM = 33 MAXIMUM = 546