

EXERCISE-1

- A simple HTML page using basic tags.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>My Simple HTML Page</title>
```

```
</head>
```

```
<body>
```

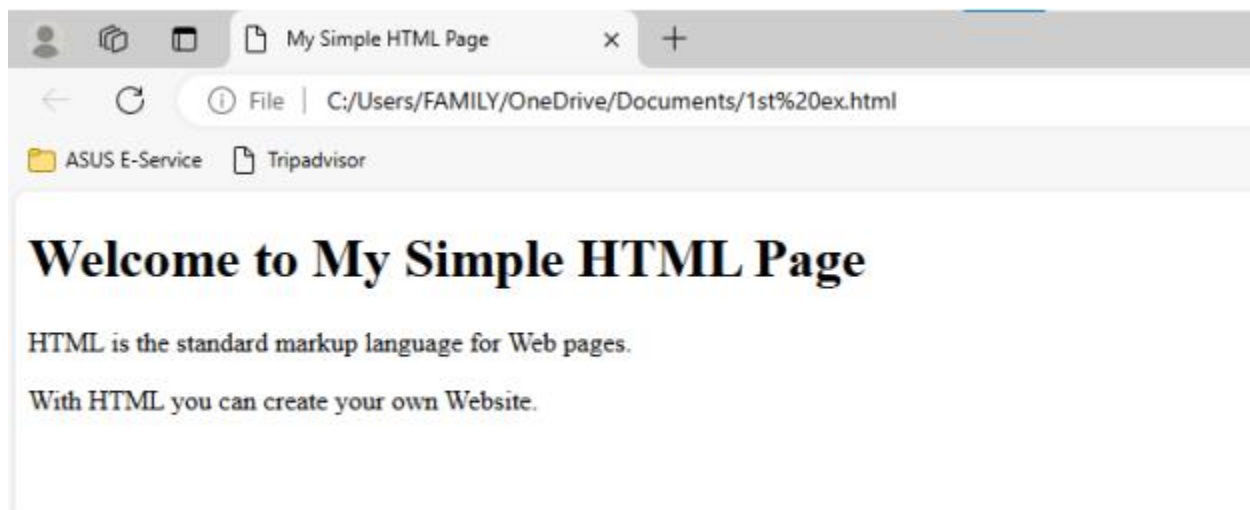
```
<h1>Welcome to My Simple HTML Page</h1>
```

```
<p>HTML is the standard markup language for Web pages.</p>
```

```
<p>With HTML you can create your own Website.</p>
```

```
</body>
```

```
</html>
```



EXERCISE-2

- A web page that displays your name to the screen

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title>displaying my name</title>
```

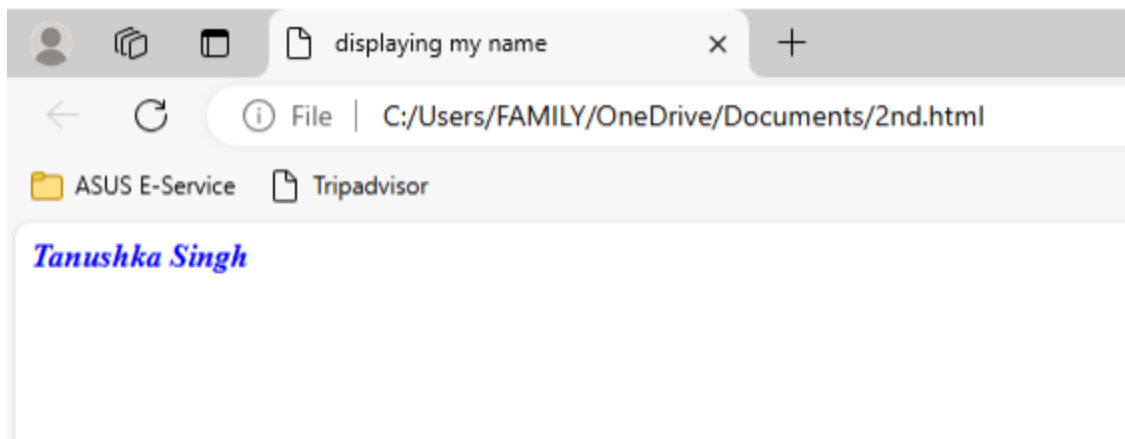
```
</head>
```

```
<body>
```

```
<b><i><font color="blue">Tanushka Singh</b></i>
```

```
</body>
```

```
</html>
```



EXERCISE-3

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

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title>numbers in separate line</title>
```

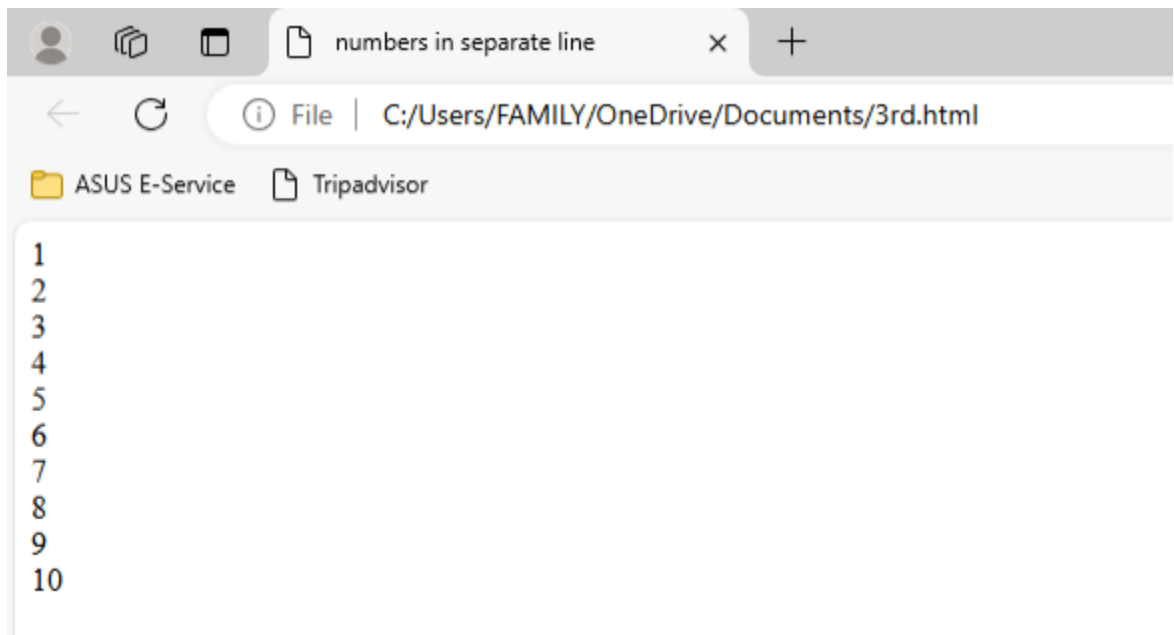
```
</head>
```

```
<body>
```

```
1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>
```

```
</body>
```

```
</html>
```



EXERCISE-4

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

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title>numbers using separate colors</title>
```

```
</head>
```

```
<body>
```

```
<font color="blue">1<br><font color="green">2<br>
```

```
<fontcolor="coral">3<br><font color="purple">4<br>
```

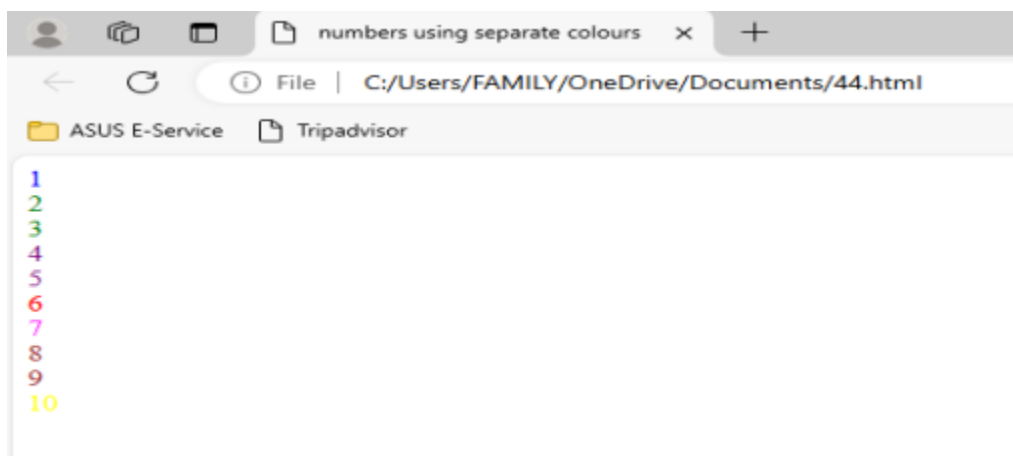
```
<fontcolor="orange">5<br><font color="red">6<br>
```

```
<font color="magenta">7<br><font color="brown">8<br>
```

```
<fontcolor="black">9<br><font color="yellow">10
```

```
</body>
```

```
</html>
```



EXERCISE-5

□ Picture as a background

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title>picture as a background</title>
```

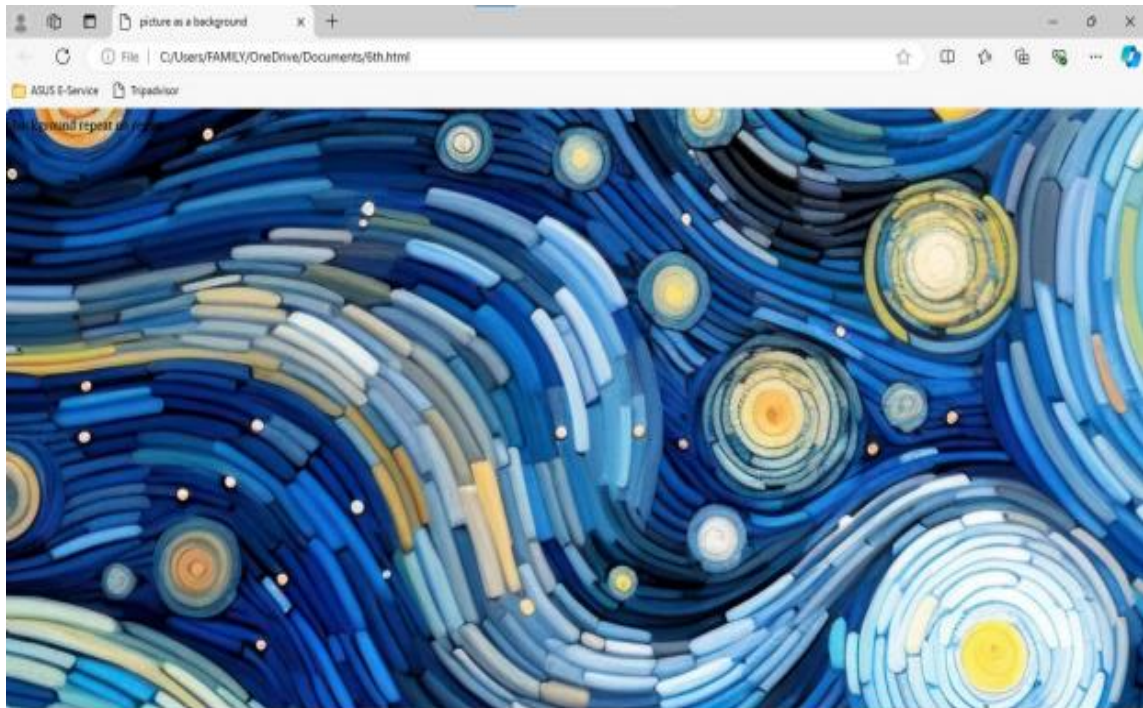
```
</head>
```

```
<body
```

```
background="C:\Users\FAMILY\Downloads\happy.jpg">
```

```
</body>
```

```
</html>
```



EXERCISE-6

□ a web page to print a paragraph with 4-5 sentences, each sentence shall have a different font.

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title>paragraph print</title>
```

```
</head>
```

```
<body>
```

```
<font face="algerian">The journey of life may not always be  
smooth but we must keep going and stay positive all the  
times</font>.
```

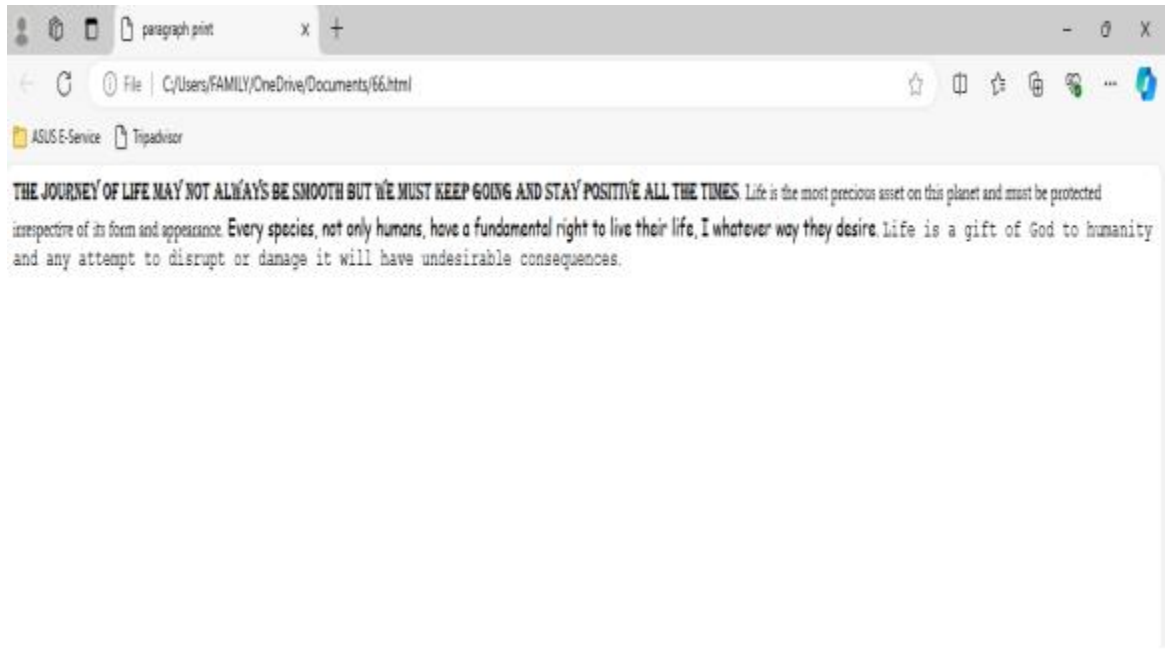
```
<font face="garamond">Life is the most precious asset on  
this planet and must be protected irrespective of its form and  
appearance</font>.
```

```
<font face="cursive">Every species, not only humans, have  
a fundamental right to live their life, I whatever way they  
desire</font>.
```

```
<font face="courier">Life is a gift of God to humanity and any  
attempt to disrupt or damage it will have undesirable  
consequences</font>.
```

```
</body>
```

</html>



EXERCISE-7

□ HTML code to print a paragraph that is description of a book

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title>Description of a book</title>
```

```
</head>
```

```
<body>
```

```
<dl>
```

```
<dt><u>THE GOTHIC</u></dt>
```

```
<dd><u>The Gothic </u> Masterpiece of 19th Century  
Literature by
```

```
<u>Emily Brontë</u> is a classic novel of love and loss.  
This
```

```
<b><i>atmospheric</b></i> and <b><i>emotional</b></i>
```

```
tale follows the story of a young
```

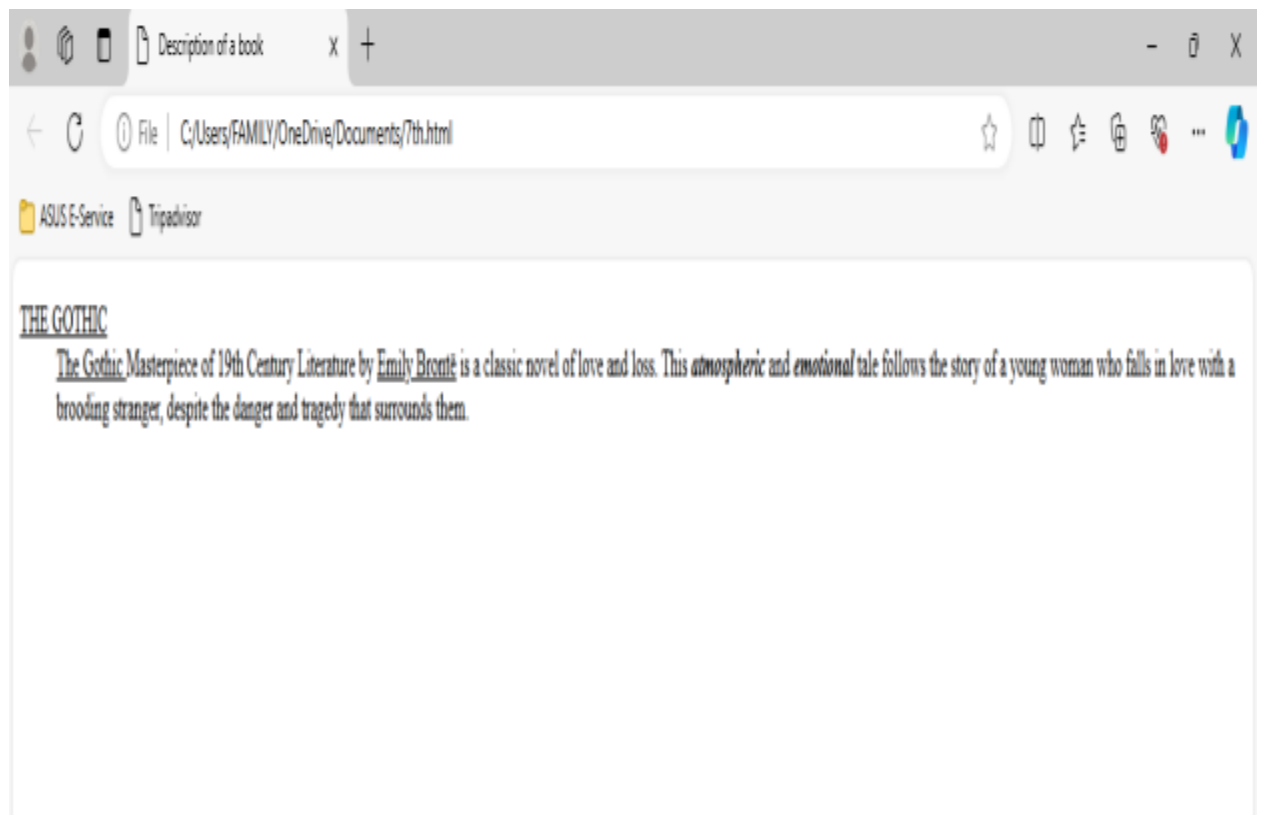
```
woman who falls in love with a brooding stranger, despite  
the danger and
```

```
tragedy that surrounds them.</dd>
```

```
</dl>
```

```
</body>
```


</html>



EXERCISE-8

- Name using different heading tags

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title>heading tag</title>
```

```
</head>
```

```
<body>
```

```
<h1>T</h1><h2>A</h2><h3>N</h3><h4>U</h4><h5>S</h5
```

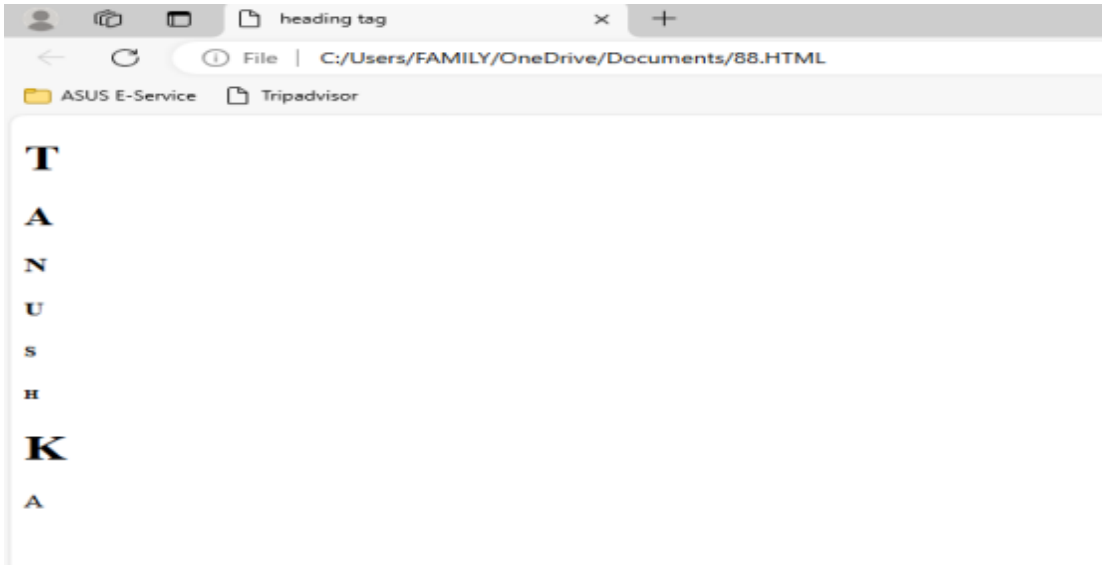
```
><h6>H</h
```

```
6><h1>K</h1><h
```

```
2>A</h2>
```

```
</body>
```

```
</html>
```



EXERCISE-9

□ 1-20 with 2 as subscript

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title>subscript</title>
```

```
</head>
```

```
<body>
```

```
1<br>2<sub>1</sub>=2<br>3<sub>2</sub>=4<br>4<sub>3
```

```
</sub>=8<b
```

```
r>5<sub>4</sub>=16
```

```
<br>6<sub>5</sub>=32<br>7<sub>6</sub>=64<br>8<sub>
```

```
7</sub>=85
```

```
<br>9<sub>8</sub>=
```

```
87<br>10<sub>9</sub>=102<br>11<sub>10</sub>=112<br
```

```
>12<sub>1
```

```
1</sub>=212<br>
```

```
13<sub>12</sub>=312<br>14<sub>13</sub>=412<br>15<s
```

```
ub>14</su
```

```
b>=482<br>16<sub>15</
```

```
sub>=666<br>17<sub>16</sub>777<br>18<sub>17</sub>=
```

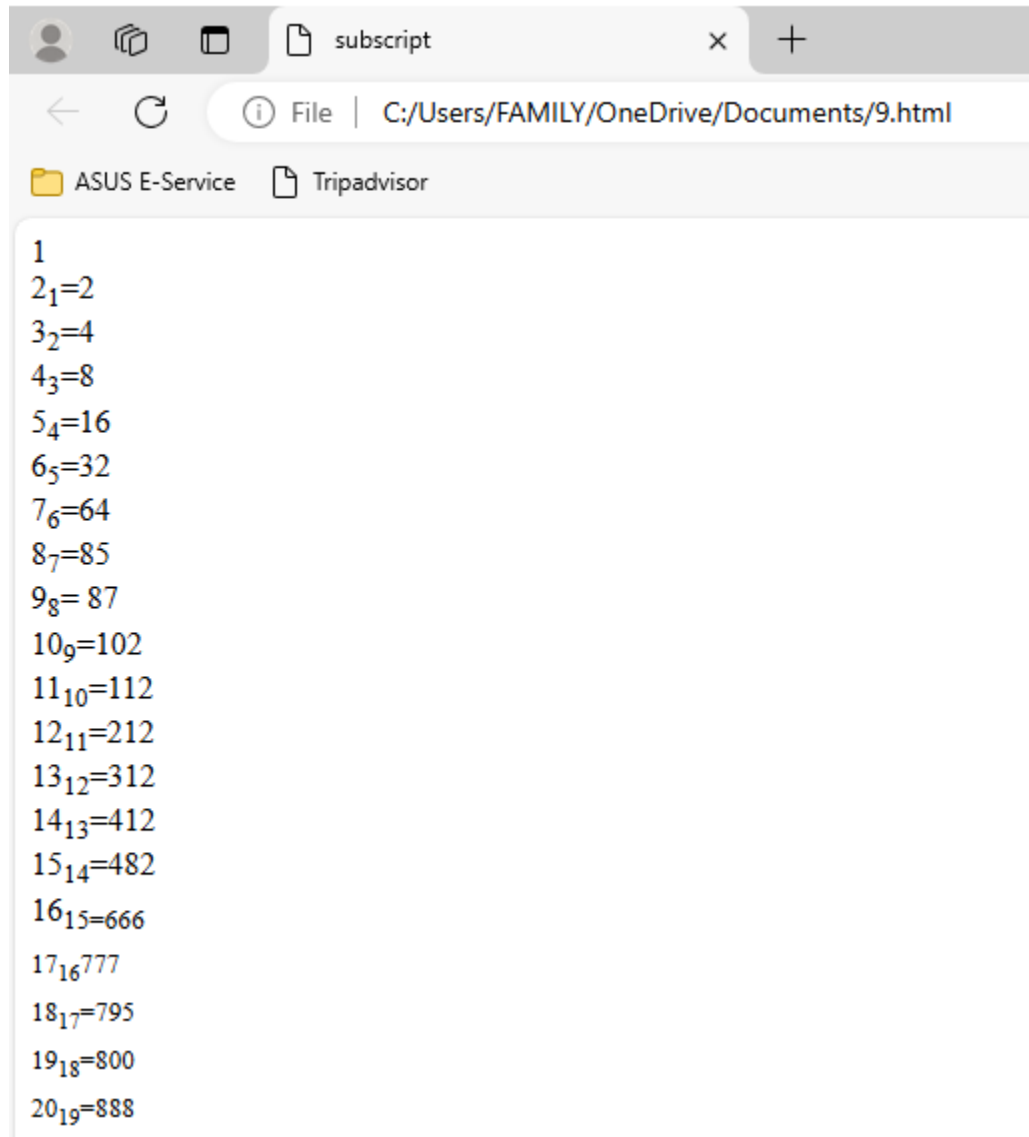
```
795<br>19
```

₁₈=800

$\text{
20₁₉=888}$

</body>

</html>



EXERCISE-10

- Image hanging in right of specific size

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title>picture</title>
```

```
</head>
```

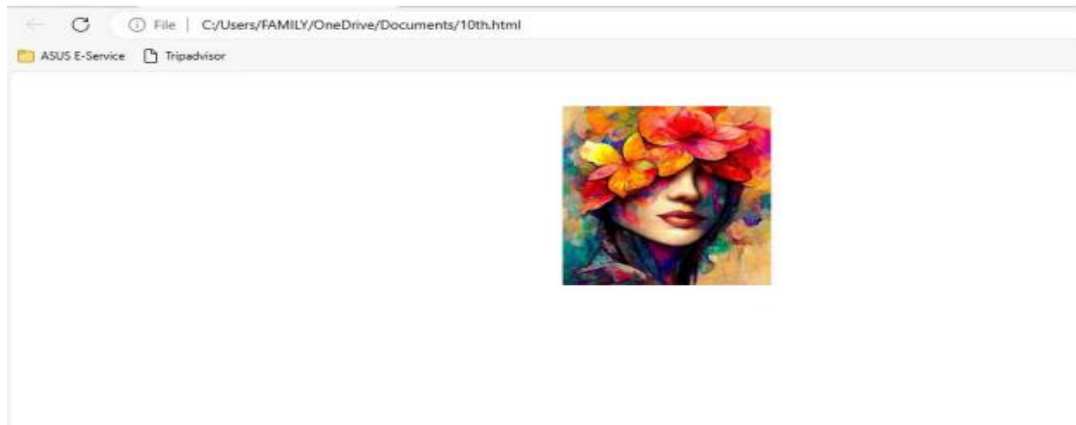
```
<body>
```

```

```

```
</body>
```

```
</html>
```



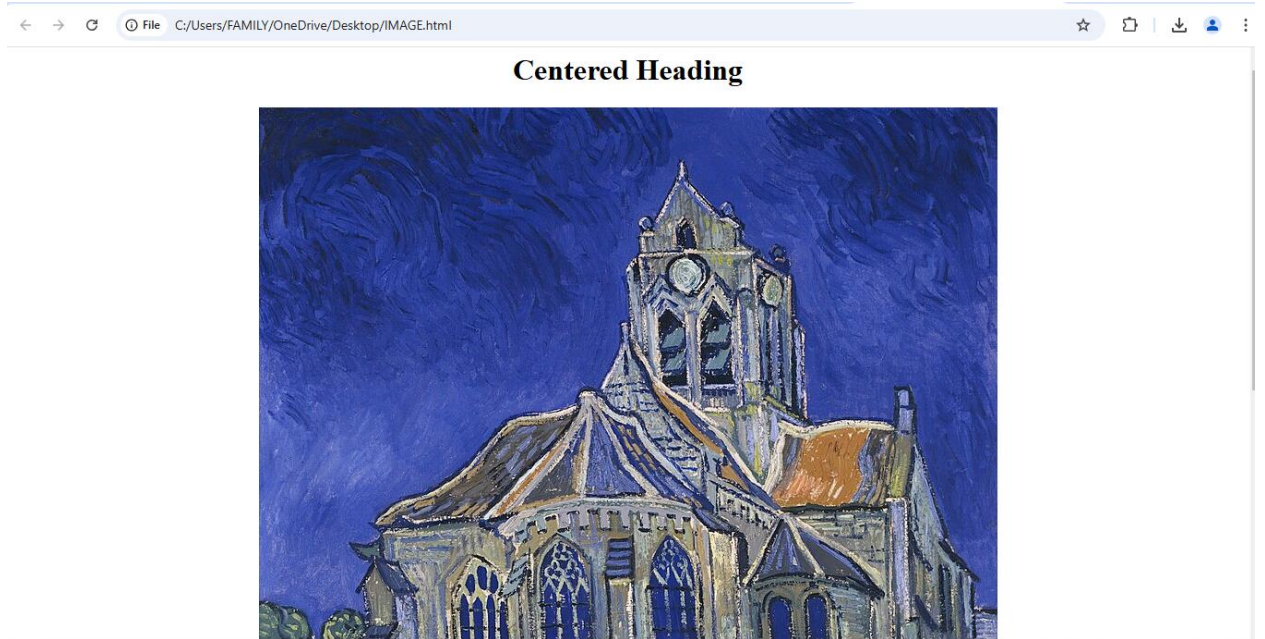
EXERCISE-11

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 center, just below the heading.

```
<html>
<head>
<title></title>
</head>
<body>
<h1 align="center">Centered Heading</h1>
<div align="center">

<alt="Centered image">
</div>
</body>
```

</html>



EXERCISE-12

Write HTML code using multimedia tags.

```
<!DOCTYPE html>
<html>
<head>
<title></title>
</head>
<body>
<h1 align="center">Multimedia Tags</h1>
<div align="center">
<h2>Image Example</h2>

</div>
<div align="center">
<h2>Audio Example</h2>
<audio controls>
<source src="cow.ogg" type="audio/ogg">
<source src="cow.mp3" type="audio/mpeg">
```

</audio>

</div>

<div align="center">

<h2>Video Example</h2>

<video controls>

<source

src="https://www.youtube.com/shorts/f2B6d_1LCDg">

</video>

</div>

</body>

</html>



Multimedia Tags

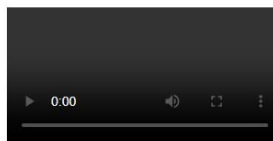
Image Example



Audio Example



Video Example



EXERCISE-13

Create a table using Rowspan and Colspan taking example of Student Record.

```
<html>
<head>
<title>Student Record</title>
<style>
table {
    width: 50%;
    border-collapse: collapse;
    margin: 20px auto;
}
th, td {
    border: 1px solid #000;
    padding: 8px;
    text-align: center;
}
th {
    background-color: #f2f2f2;
}
</style>
</head>
```

```
<body>
<table>
  <tr>
    <th rowspan="2">Student ID</th>
    <th rowspan="2">Name</th>
    <th colspan="3">Grades</th>
  </tr>
  <tr>
    <th>Math</th>
    <th>Science</th>
    <th>English</th>
  </tr>
  <tr>
    <td>101</td>
    <td>John Doe</td>
    <td>85</td>
    <td>90</td>
    <td>88</td>
  </tr>
  <tr>
    <td>102</td>
    <td>Jane Smith</td>
    <td>92</td>
```

```
<td>95</td>
<td>89</td>
</tr>
</table>
</body>
</html>
```



Student ID	Name	Grades		
		Math	Science	English
101	John Doe	85	90	88
102	Jane Smith	92	95	89

EXERCISE-14

Write HTML code using table tag <table> and cell padding and cell spacing as its attributes.

```
<!DOCTYPE html>
<head>
  <title>Student Record</title>
  <style>
    table {
      border: 1px solid #000;
      margin: 20px auto;
    }
    th, td {
      border: 1px solid #000;
      text-align: center;
    }
    th {
      background-color: #f2f2f2;
    }
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<table cellpadding="10" cellspacing="5">
```

```
<tr>
```

```
<th>Student ID</th>
```

```
<th>Name</th>
```

```
<th>Math</th>
```

```
<th>Science</th>
```

```
<th>English</th>
```

```
</tr>
```

```
<tr>
```

```
<td>101</td>
```

```
<td>John Doe</td>
```

```
<td>85</td>
```

```
<td>90</td>
```

```
<td>88</td>
```

```
</tr>
```

```
<tr>
```

```
<td>102</td>
```

```
<td>Jane Smith</td>
```

```
<td>92</td>
```

```
<td>95</td>
<td>89</td>
</tr>
<tr>
<td>103</td>
<td>Sam Brown</td>
<td>78</td>
<td>82</td>
<td>80</td>
</tr>
</table>
</body>
</html>
```


Student ID	Name	Math	Science	English
101	John Doe	85	90	88
102	Jane Smith	92	95	89
103	Sam Brown	78	82	80

EXERCISE-15

Create unordered, ordered and definition lists taking example of your subjects in MCA 1st, 2nd and 3rd Semester.

```
<!DOCTYPE html>
```

```
<head>
```

```
<title>MCA Subjects</title>
```

```
<body>
```

```
<h1>MCA Subjects</h1>
```

```
<h2>MCA 1st Semester Subjects</h2>
```

```
<ul>
```

```
<li>Mathematics for Computer Science</li>
```

```
<li>Computer Programming</li>
```

```
<li>Data Structures</li>
```

```
<li>Computer Organization</li>
```

```
<li>Operating Systems</li>
```

```
</ul>
```

```
<h2>MCA 2nd Semester Subjects</h2>
```

```
<ol>
```

```
<li>Software Engineering</li>
```

- Database Management Systems
 - Web Technologies
 - Object-Oriented Programming
 - Discrete Mathematics
-

<h2>MCA 3rd Semester Subjects</h2>

<dl>

<dt>Advanced Java Programming</dt>

<dd>Study of advanced concepts in Java, including Java EE and frameworks.</dd>

<dt>Mobile Application Development</dt>

<dd>Introduction to developing applications for mobile platforms.</dd>

<dt>Network Security</dt>

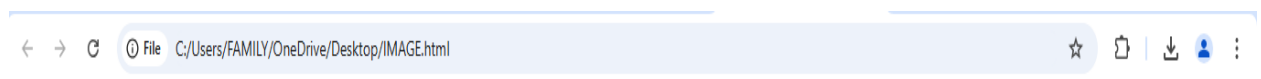
<dd>Understanding principles and practices for securing computer networks.</dd>

<dt>Cloud Computing</dt>

<dd>Study of cloud service models and deployment strategies.</dd>

Machine Learning

Introduction to machine learning algorithms and applications.



MCA Subjects

MCA 1st Semester Subjects

- Mathematics for Computer Science
- Computer Programming
- Data Structures
- Computer Organization
- Operating Systems

MCA 2nd Semester Subjects

1. Software Engineering
2. Database Management Systems
3. Web Technologies
4. Object-Oriented Programming
5. Discrete Mathematics

MCA 3rd Semester Subjects

Advanced Java Programming

Study of advanced concepts in Java, including Java EE and frameworks.

Mobile Application Development

Introduction to developing applications for mobile platforms.

Network Security

Understanding principles and practices for securing computer networks.

Cloud Computing

Study of cloud service models and deployment strategies.

Machine Learning

Introduction to machine learning algorithms and applications.

EXERCISE-17

Write HTML code to design a form in HTML using controls and buttons suchas Textbox, Textarea, password, submit button, browse button, Drop-Down menu.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Sample Form</title>
```

```
</head>
```

```
<body>
```

```
<h2 align="center">Registration Form</h2>
```

```
<form action="submit_form.php" method="post">
```

```
<Text Box for Name>
```

```
<label for="Name">Name:</label><br>
```

```
<input type="text" id="name" name="name" required><br><br>
```

```
<Text Box for Email>
```

```
<label for="email">Email:</label><br>
```

<input type="email" id="email" name="email" required>

<Password Field>

<label for="password">Password:</label>

<input type="password" id="password" name="password"
required>

<Text Area for Address>

<label for="address">Address:</label>

<textarea id="address" name="address" rows="4" cols="50"
placeholder="Enter your address here..."></textarea>

<Drop-Down Menu for Country>

<label for="country">Country:</label>

<select id="country" name="country">

<option value="India">India</option>

<option value="canada">Canada</option>

<option value="uk">UK</option>

<option value="australia">Australia</option>

</select>

<File Upload (Browse Button)>

```
<label for="resume">Upload Resume:</label><br>
```

```
<input type="file" id="resume" name="resume"><br><br>
```

```
<Submit Button>
```

```
<input type="submit" value="Submit">
```

```
</form>
```

```
</body>
```

```
</html>
```

Exercise-18

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

```
<!DOCTYPE html>
<html>
<head>
<title></title>
</head>
<body>
<form>
<fieldset><h1 align="center">Registration Form</h1>
Name:
<input type="text" placeholder="Enter your full
name"/><br><br>
Photo:
<input type="file"/><br><br>
Father's Name:
<input type="text"/><br><br>
Mother's Name:
<input type="text"/><br><br>
Phone No:
<input type="text" placeholder="017xxxxxxx"/><br><br>
Email:
```



```
<input type="mail"
placeholder="sample@example.com"/><br><br>
Gender:
<input type="radio" name="gender"/>Male <input
type="radio"
name="gender"/>Female<input type="radio"
name="gender"/>Other<br><br>
Date Of Birth:
<input type="date" max length="15/10/2024"/><br><br>
<button>Submit</button>
</fieldset>
</form>
</body>
</html>
```

← → ↻ File C:/Users/FAMILY/OneDrive/Desktop/tjgf.html ☆ 📄 👤 ⋮

Registration Form

Name:

Photo: No file chosen

Father's Name:

Mother's Name:

Phone No:

Email:

Gender: ☐ Male ☐ Female ☐ Other

Date Of Birth: 📅

Exercise-19

Create HTML code to design Student Admission Form in HTML.

```
<!DOCTYPE html>
<html>
<head>
<title>Student Admission Form</title>
</head>
<body>
<h2 align="center">Student Admission Form</h2>
<form action="submit_admission.php" method="post">
<Full Name>
<label for="fullname">Full Name:</label><br>
<input type="text" id="fullname" name="fullname"
required><br><br>
<Date of Birth>
<label for="dob">Date of Birth:</label><br>
<input type="date" id="dob" name="dob" required><br><br>
<Email>
<label for="email">Email:</label><br>
<input type="email" id="email" name="email"
required><br><br>
```

<Contact Number>

<label for="contact">Contact Number:</label>

<input type="tel" id="contact" name="contact"
required>

<Gender>

<label>Gender:</label>

<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>

<input type="radio" id="other" name="gender"
value="other">

<label for="other">Other</label>

<Address>

<label for="address">Address:</label>

<textarea id="address" name="address" rows="4" cols="50"
placeholder="Enter your address here..."
required></textarea>

<Course Selection>

<label for="course">Course Applying For:</label>

<select id="course" name="course" required>

<option value="bca">BCA</option>

```
<option value="bba">BBA</option>
<option value="bcom">B.Com</option>
<option value="ba">BA</option>
<option value="bsc">B.Sc</option>
</select><br><br>
<Educational Qualifications>
<label for="qualification">Educational
Qualifications:</label><br>
<textarea id="qualification" name="qualification" rows="3"
cols="50"
placeholder="Enter your qualifications..."
required></textarea><br><br>
<Terms and Conditions>
<input type="checkbox" id="terms" name="terms" required>
<label for="terms">I agree to the terms and
conditions</label><br><br>
<Submit Button>
<input type="submit" value="Submit Admission Form">
</form>
</body>
</html>
```

Student Admission Form

Full Name:

Date of Birth:

 📅

Email:

Contact Number:

Gender:

- ☐ Male
☐ Female
☐ Other

Address:

Enter your address here...

Course Applying For:

 ▼

Educational Qualifications:

Enter your qualifications...

☐ I agree to the terms and conditions

EXERCISE-20

Create a proper homepage of your own using any components and style.

```
<!DOCTYPE html>
```

```
<head>
```

```
<title>My Personal Homepage</title>
```

```
</head>
```

```
<body style="font-family: Arial, sans-serif; color: #333;">
```

```
<!-- Header Section -->
```

```
<header style="background-color: #A52A2A; padding: 20px; text-align: center;
```

```
color:White;">
```

```
<h1>Welcome to My Homepage</h1>
```

```
<p>Everything about me:</p>
```

```
</header>
```

```
<!-- Navigation Menu -->
```

```
<nav style="margin-top: 10px; text-align: center;">
```

```
<a href="#about" style="margin: 0 15px; text-decoration: none; color:
```

```
#013220;">About Me</a>
```

```
<a href="#portfolio" style="margin: 0 15px; text-decoration: none; color:
```

```
#013220;">Portfolio</a>
```

```
<a href="#contact" style="margin: 0 15px; text-decoration: none; color:
```

```
#013220;">Contact</a>
```

```
</nav>
```

```
<!-- About Me Section -->
```

```
<section id="about" style="padding: 20px; background-color: #f9f9f9;">
```

```
<h2>About Me</h2>
```

```
<p>Hello! I'm Tanushka.I am currently pursuing BCA from Manav rachna international institute of research and studies.</p>
```

```
<p>I am new to this stream and i am so eager to learn coding with so much
```

```
interest and passion.</p>
```

```
</section>
```

```
<!-- Portfolio Section -->
```

```
<section id="portfolio" style="padding: 20px;">
```

```
<h2>My Portfolio</h2>
```

```
<p>Check out some of the projects I've worked on:</p>
```

```
<ul style="list-style-type: none; padding: 0;">
```

```
<li style="margin: 5px 0;">- Project 1: Personal Website</li>
```

```
<li style="margin: 5px 0;">- Project 2: Simple Calculator using  
Kotlin</li>
```

```
</ul>
```

```
</section>
```

```
<!-- Contact Section -->
```

```
<section id="contact" style="padding: 20px; background-color:  
#f9f9f9;">
```

```
<h2>Contact Me</h2>
```

```
<p>I'd love to connect with you! Reach out via email.</p>
```

```
<p>Email: <a href="mailto:your-tanushkasingh092@gmail.com"  
style="color:
```

```
#4CAF50;">tanushkasingh@gmail.com</a></p>
```

```
</section>
```

```
<!-- Footer -->
```

```
<footer style="text-align: center; padding: 10px; background-color:  
#333; color:
```

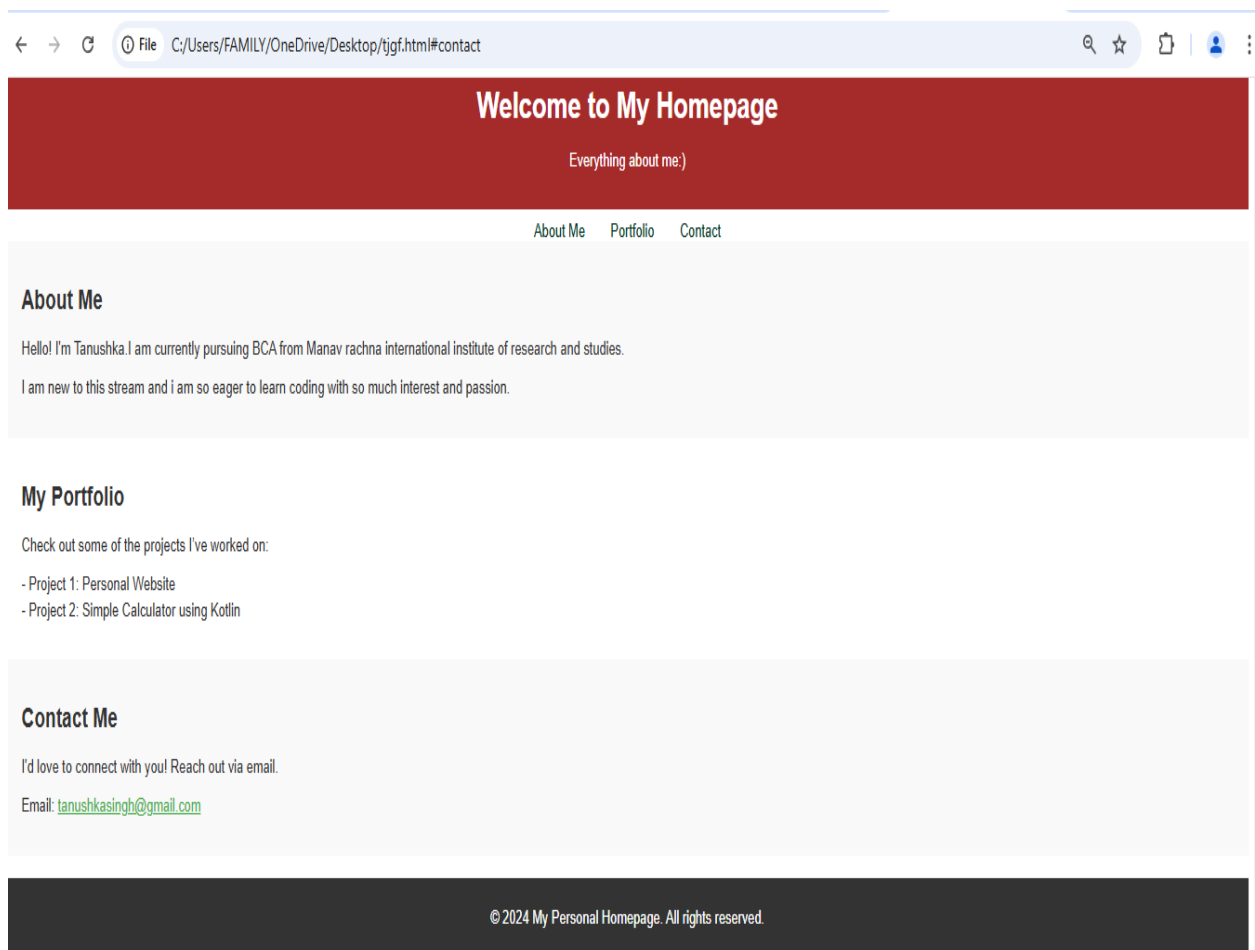

white; margin-top: 20px;">

<p>© 2024 My Personal Homepage. All rights reserved.</p>

</footer>

</body>

</html>



EXERCISE-21

Write HTML code for including local hyperlink in a web page.

```
<!DOCTYPE html>
```

```
<head>
```

```
<title>Local Hyperlink Example</title>
```

```
</head>
```

```
<body>
```

```
<h1>Welcome to My Web Page</h1>
```

```
<p>This is a paragraph with a local hyperlink to another  
page.</p>
```

```
<a href="C:\Users\FAMILY\OneDrive\Desktop">Go to Page2</a>
```

```
</body>
```

```
</html>
```



Welcome to My Web Page

This is a paragraph with a local hyperlink to another page.

[Go to Page 2](#)

Index of C:\Users\FAMILY\OneDrive\Desktop\

[parent directory]

	Name	Size	Date Modified
	d/		3/30/24, 8:45:45 AM
	GodMode.{ED7BA470-8E54-465E-825C-99712043E01C}/		1/28/24, 7:05:10 PM
	New folder/		9/23/24, 7:01:59 PM
	New folder (2)/		7/11/24, 12:39:21 AM
	New folder (3)/		10/21/24, 7:11:04 PM
	New folder (4)/		11/8/24, 7:47:06 PM
	desktop.ini	282 B	9/25/24, 9:14:03 PM
	document1.html	1.5 kB	10/30/24, 8:45:21 PM
	forms.html	499 B	10/30/24, 9:18:20 PM
	Grammarly.lnk	1.4 kB	10/2/24, 8:38:23 PM
	hyperlink.html	10.1 kB	10/30/24, 4:19:07 PM
	IMAGE.html	1.2 kB	11/8/24, 1:39:22 AM
	Movavi Screen Recorder.lnk	987 B	8/24/24, 11:51:27 PM
	nChrome.lnk	2.3 kB	10/30/24, 4:45:07 PM
	New OpenDocument Text.odt	0 B	1/28/24, 8:47:00 PM
	PC Health Check.lnk	2.1 kB	10/7/24, 1:16:20 AM
	styles.css	192 B	10/30/24, 8:43:17 PM
	stylesheet.css	710 B	10/30/24, 11:29:31 PM
	table.html	884 B	10/30/24, 4:39:41 PM
	tjgf.html	263 B	11/10/24, 12:43:51 PM
	tt.html	1.2 kB	11/8/24, 7:18:26 PM
	Visual Studio Code.lnk	1.4 kB	10/25/24, 9:07:59 PM
	Zoom Workplace.lnk	1.9 kB	7/7/24, 7:49:01 PM

EXERCISE-22

Write HTML code for including inter hyperlink in a web page.

```
<!DOCTYPE html>

<html>

<head>

  <title>Internal Hyperlink Example</title>

  <style>

    body {

      font-family: Arial, sans-serif;

    }

    section {

      margin: 50px 0;

    }

  </style>

</head>

<body>

  <h1>Internal Hyperlink Example</h1>

  <nav>

    <ul>

      <li><a href="#section1">Go to Section 1</a></li>
```

Go to Section 2

Go to Section 3

</nav>

<section id="section1">

<h2>Section 1</h2>

<p>This is the content of Section 1.</p>

</section>

<section id="section2">

<h2>Section 2</h2>

<p>This is the content of Section 2.</p>

</section>

<section id="section3">

<h2>Section 3</h2>

<p>This is the content of Section 3.</p>

</section>

</body>

</html>

Internal Hyperlink Example

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

Section 1

This is the content of Section 1.

Section 2

This is the content of Section 2.

Section 3

This is the content of Section 3.

EXERCISE-23

Write HTML code for including External hyperlink in a web page.

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>External Hyperlink Example</title>
</head>
<body>
<h1>Visit Open YouTube</h1>
<p>Click the link below to visit Open YouTube:</p>
<a href="https://www.youtube.com/" target="_blank">Open
YouTube
Website</a>
</body>
</html>
```



EXERCISE-24

Write code to show external CSS with HTML code.

```
<!DOCTYPE html>

<head>

<title>External CSS Example</title>

  <link rel="stylesheet" href="styles.css">

</head>

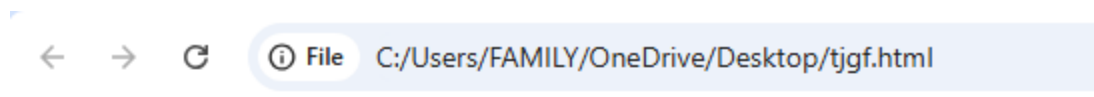
<body>

  <h1>Hello! This is Tanushka.</h1>

  <p>This is an example of using external CSS.</p>

</body>

</html>
```



Hello! This is Tanushka.

This is an example of using external CSS.