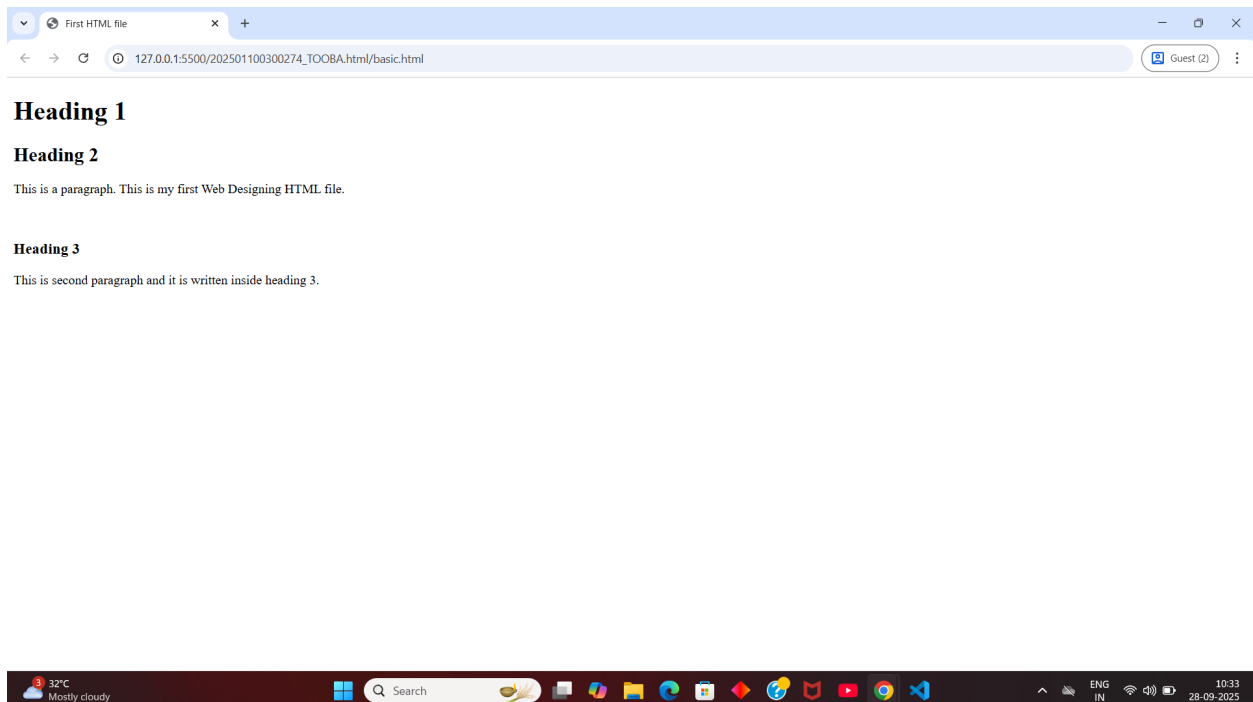


## 1. Basic HTML File

```
<!--basic.html-->
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>First HTML file</title>
</head>
<body>
  <h1>Heading 1</h1>
  <h2>Heading 2</h2>
  <p>This is a paragraph. This is my first Web Designing HTML file. </p>
  <br> <!--Line break; doesn't need closing-->
  <h3>Heading 3</h3>
  <p>This is second paragraph, and it is written inside heading 3. </p>
</body>
</html>
```

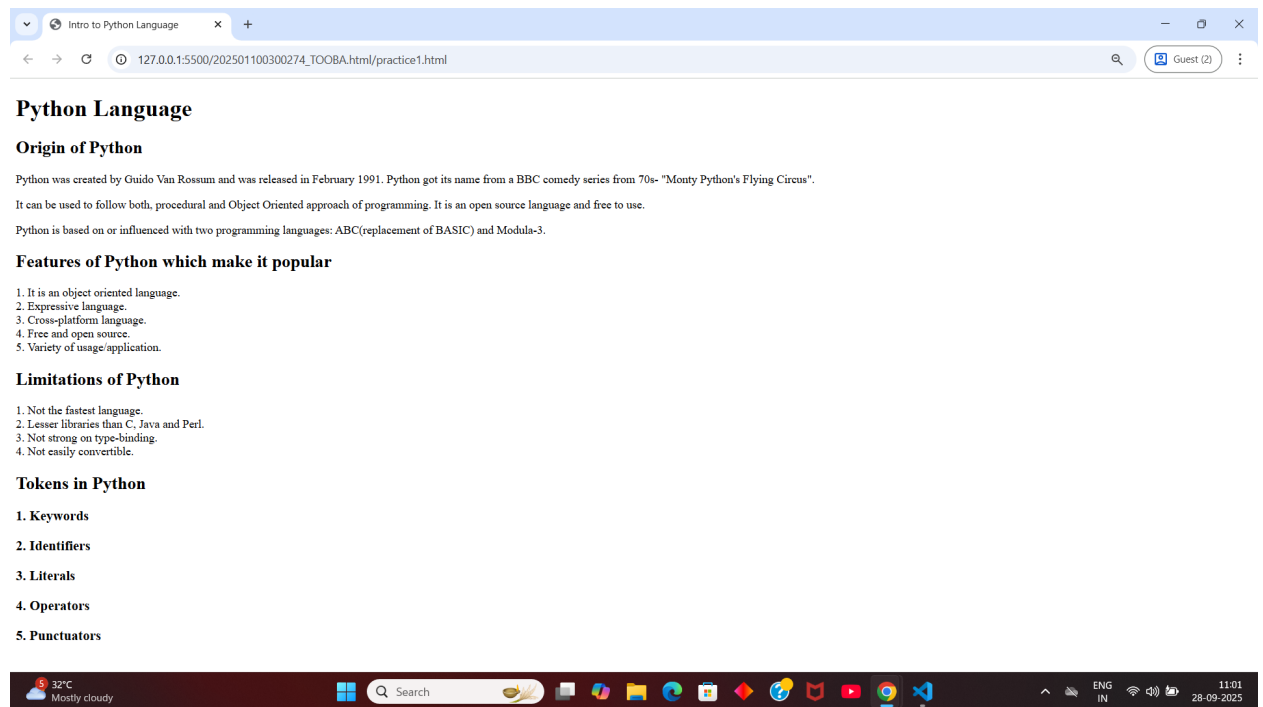
### Output:



## 2. Practice 1

```
<!--practice1.html-->
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Intro to Python Language</title>
</head>
<body>
  <h1>Python Language</h1>
  <h2>Origin of Python</h2>
  <p>Python was created by Guido Van Rossum and was released in February 1991. Python got its name from a BBC comedy series from 70s- "Monty Python's Flying Circus". </p>
  <p>It can be used to follow both procedural and Object-Oriented approach of programming. It is an open-source language and free to use. </p>
  <p>Python is based on or influenced with two programming languages: ABC(replacement of BASIC) and Modula-3. </p>
  <h2>Features of Python which make it popular</h2>
  <p>1. It is an object-oriented language. <br>2. Expressive language. <br>3. Cross-platform language. <br>4. Free and open source. <br>5. Variety of usage/application. </p>
  <h2>Limitations of Python</h2>
  <p>1. Not the fastest language. <br>2. Lesser libraries than C, Java and Perl. <br>3. Not strong on type-binding. <br>4. Not easily convertible. </p>
  <h2>Tokens in Python</h2>
  <h3>1. Keywords</h3>
  <h3>2. Identifiers</h3>
  <h3>3. Literals</h3>
  <h3>4. Operators</h3>
  <h3>5. Punctuators</h3>
</body>
</html>
```

# Output:



### 3. Anchor and Image tags

```
<!--anchorandimgtags.html-->
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Anchor tag and Image insertion</title>
</head>
<body>
  <h1>Anchor tag</h1>
  <p>An anchor tag is used to link one page to another and marks the beginning
and end of a hypertext link. It contains a hyperlink reference element.</p>
  <p>Click on the following text to navigate to another digital content linked
with it:</p>
  <a href="https://www.geeksforgeeks.org/html/html-a-tag/" >More about anchor
tag</a>
  <h1>Image tag</h1>
  <p>An image tag or img tag in HTML is used to insert an image in the HTML
file.</p>
  <p>Example:</p>
  
</body>
</html>
```

## Output:



### Anchor tag

An anchor tag is used to link one page to another and marks the beginning and end of a hypertext link. It contains a hyperlink reference element.

Click on the following text to navigate to another digital content linked with it:

[More about anchor tag](#)

### Image tag

An image tag or img tag in HTML is used to insert an image in the HTML file.

Example:



After clicking on “More about anchor tag”, it redirects user to the website linked to it; which is attached below in this case:

The screenshot displays the 'HTML a Tag' tutorial on the GeeksforGeeks website. The page includes a sidebar with navigation links, a main content area with a title and description, a code block for the anchor tag syntax, and a list of link types. The browser's address bar shows the URL 'geeksforgeeks.org/html/html-a-tag/'.

## HTML a Tag

Last Updated : 12 Jul, 2025

The **<a> tag** defines a hyperlink, which is used to link from one page to another. The most important attribute of the **<a>** element is the **href** attribute, which indicates the link's destination. This attribute determines where the user is directed upon clicking the link.

```
<a href="https://www.geeksforgeeks.org/html/html-tutorial/">
html tutorial
</a>
```

**Syntax:**

```
<a href = "link"> Link Name </a>
```

By default, links appear as follows in all browsers:

- **Unvisited links:** Underlined and blue.
- **Visited links:** Underlined and purple.
- **Active links:** Underlined and red.

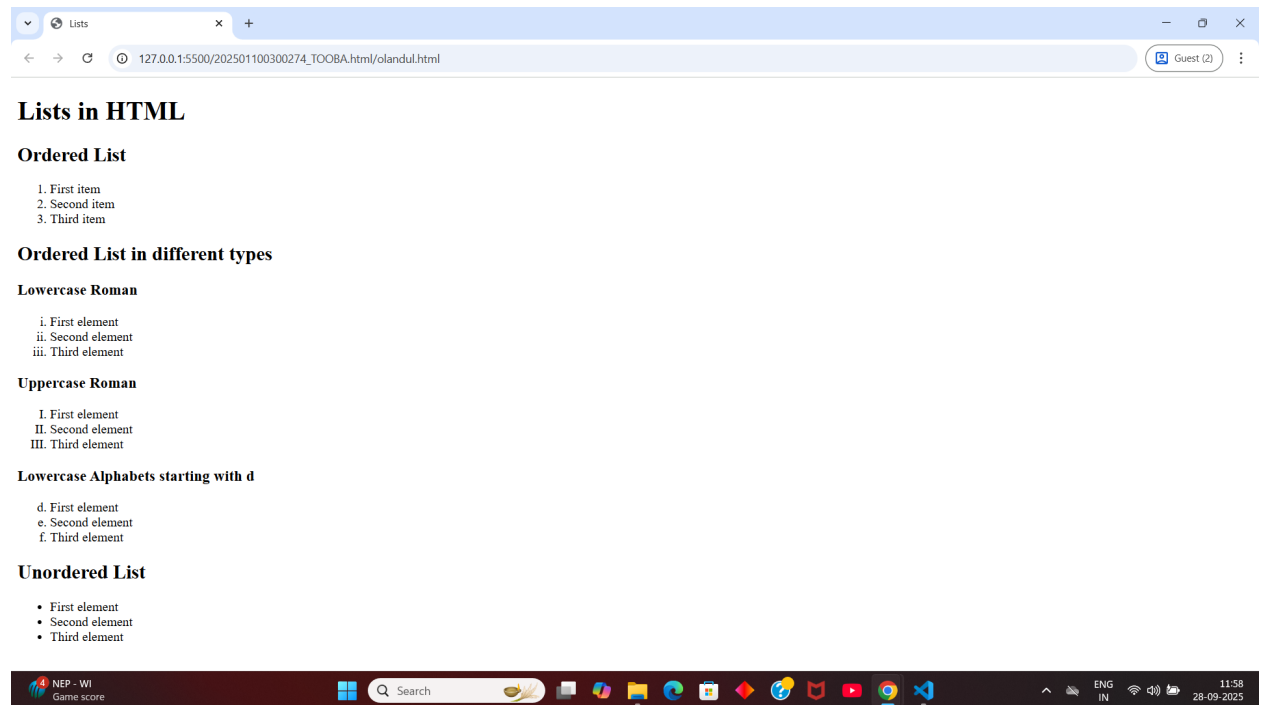
1. Opening Links in New Tab:

#### 4. Ordered and Unordered lists

```
<!--olandu1.html-->
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Lists</title>
</head>
<body>
  <h1>Lists in HTML</h1>
  <h2>Ordered List</h2>
  <ol>
    <li>First item</li>
    <li>Second item</li>
    <li>Third item</li>
  </ol>
  <h2>Ordered List in different types</h2>
  <h3>Lowercase Roman</h3>
  <ol type="i">
    <li>First element</li>
    <li>Second element</li>
    <li>Third element</li>
  </ol>
  <h3>Uppercase Roman</h3>
  <ol type="I">
    <li>First element</li>
    <li>Second element</li>
    <li>Third element</li>
  </ol>
  <h3>Lowercase Alphabets starting with d</h3>
  <ol type="a" start="4">
    <li>First element</li>
    <li>Second element</li>
    <li>Third element</li>
  </ol>
  <h2>Unordered List</h2>
```

```
<ul>
  <li>First element</li>
  <li>Second element</li>
  <li>Third element</li>
</ul>
</body>
</html>
```

## Output:





## 5. Practice 2

```
<!--practice2.html-->
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Movies</title>
  <style>
    body{
      margin-left: 100px;
    }
  </style>
</head>
<body>
  <h1>Oscar Winning Movies from 2010 to 2020</h1>
  <h2>Contents</h2>
  <ol>
    <li><a href="#section2010">2010- The King's Speech</a></li>
    <li><a href="#section2011">2011- The Artist</a></li>
    <li><a href="#section2012">2012- Argo</a></li>
    <li><a href="#section2013">2013- 12 Years a Slave</a></li>
    <li><a href="#section2014">2014- Birdman or (The Expected Virtue of
Ignorance)</a></li>
    <li><a href="#section2015">2015- Spotlight</a></li>
    <li><a href="#section2016">2016- Moonlight</a></li>
    <li><a href="#section2017">2017- The Shape of Water</a></li>
    <li><a href="#section2018">2018- Green Book</a></li>
    <li><a href="#section2019">2019- Parasite</a></li>
    <li><a href="#section2020">2020- Nomadland</a></li>
  </ol>
  <br>
  <section id="section2010">
    <h2>2010- The King's Speech</h2>
    
  </section>
  <section id="section2011">
    <h2>2011- The Artist</h2>
    
</section>
<section id="section2012">
  <h2>2012- Argo</h2>
  
</section>
<section id="section2013">
  <h2>2013- 12 Years a Slave</h2>
  
</section>
<section id="section2014">
  <h2>2014- Birdman or (The Expected Virtue of Ignorance)</h2>
  
</section>
<section id="section2015">
  <h2>2015- Spotlight</h2>
  
</section>
<section id="section2016">
  <h2>2016- Moonlight</h2>
  
</section>
<section id="section2017">
  <h2>2017- The Shape of Water</h2>
  
</section>
<section id="section2018">
  <h2>2018- Green Book</h2>
  
```

```
</section>
<section id="section2019">
  <h2>2019- Parasite</h2>
  
</section>
<section id="section2020">
  <h2>2020- Nomadland</h2>
  
</section>
</body>
</html>
```

**Output:**

## Oscar Winning Movies from 2010 to 2020

### Contents

1. 2010- The King's Speech
2. 2011- The Artist
3. 2012- Argo
4. 2013- 12 Years a Slave
5. 2014- Birdman or (The Expected Virtue of Ignorance)
6. 2015- Spotlight
7. 2016- Moonlight
8. 2017- The Shape of Water
9. 2018- Green Book
10. 2019- Parasite
11. 2020- Nomadland

#### 2010- The King's Speech



#### 2011- The Artist



#### 2012- Argo



#### 2013- 12 Years a Slave



#### 2014- Birdman or (The Expected Virtue of Ignorance)



#### 2015- Spotlight



#### 2016- Moonlight



#### 2017- The Shape of Water



#### 2018- Green Book



#### 2019- Parasite



## 6. Table

```

<!--table.html-->
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Table</title>
  <style>
    body{
      margin-left: 100px;
    }
    .cell{
      width: 40px;
    }
  </style>
</head>
<body>
  <h1>Student Table</h1>
  <h2><i>Class 10</i></h2>

  <table border="1"><caption>Student Data</caption>
    <tr> <!--table row-->
      <th>S. No.</th> <!--table heading-->
      <th>Name</th>
      <th>Section</th>
      <th>City</th>
    </tr>
    <tr>
      <td class="cell">1.</td> <!--table data-->
      <td>Ayush</td>
      <td>A</td>
      <td>Delhi</td>
    </tr>
    <tr>
      <td class="cell">2.</td> <!--table data-->
      <td>Shyam</td>
      <td>A</td>
      <td>Ghaziabad</td>
    </tr>
    <tr>
      <td class="cell">3.</td> <!--table data-->
      <td>Radha</td>
      <td>B</td>
      <td>Lucknow</td>

```

```

    </tr>
    <tr>
      <td class="cell">4.</td> <!--table data-->
      <td>Shabana</td>
      <td>C</td>
      <td>Allahabad</td>
    </tr>
    <tr>
      <td class="cell">5.</td> <!--table data-->
      <td>Hema</td>
      <td>D</td>
      <td>Delhi</td>
    </tr>
  </table>

</body>
</html>

```

## Output:

Student Table

*Class 10*

Student Data

S. No.	Name	Section	City
1.	Ayush	A	Delhi
2.	Shyam	A	Ghaziabad
3.	Radha	B	Lucknow
4.	Shabana	C	Allahabad
5.	Hema	D	Delhi

## 7. Styling in HTML

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Styling</title>
  <!--external styling-->
  <link rel="stylesheet" href="externalstyling.css">
  <!--inline styling-->
  <style>
    body{
      text-align: center;
    }
    h1{
      font-family: 'Courier New', Courier, monospace;
      color: red;
      text-align: center;
      text-decoration: underline;
    }

  </style>
</head>
<body>
  <h1>Styling HTML Documents</h1> <!--inline styling-->
  <p style="color: brown; text-align: center; ">We style HTML documents using
CSS(Cascading Style Sheets). We use style tag and elements inside it to modify
our documents such as font family, text color, text decoration, etc.</p>
  <p style="text-decoration-color: gray; text-decoration: underline
overline;">This is an exmaple of overline and underline.</p>
  <h2 style="text-shadow: 2px 2px 4px rgb(136, 213, 136); color: rgb(68, 151,
68); text-decoration: underline dashed;">This is "Text Shadow"</h2>
  <p class="ext">This is external styling using link relation.</p>
</body>
</html>

```

## CSS File Code:

```

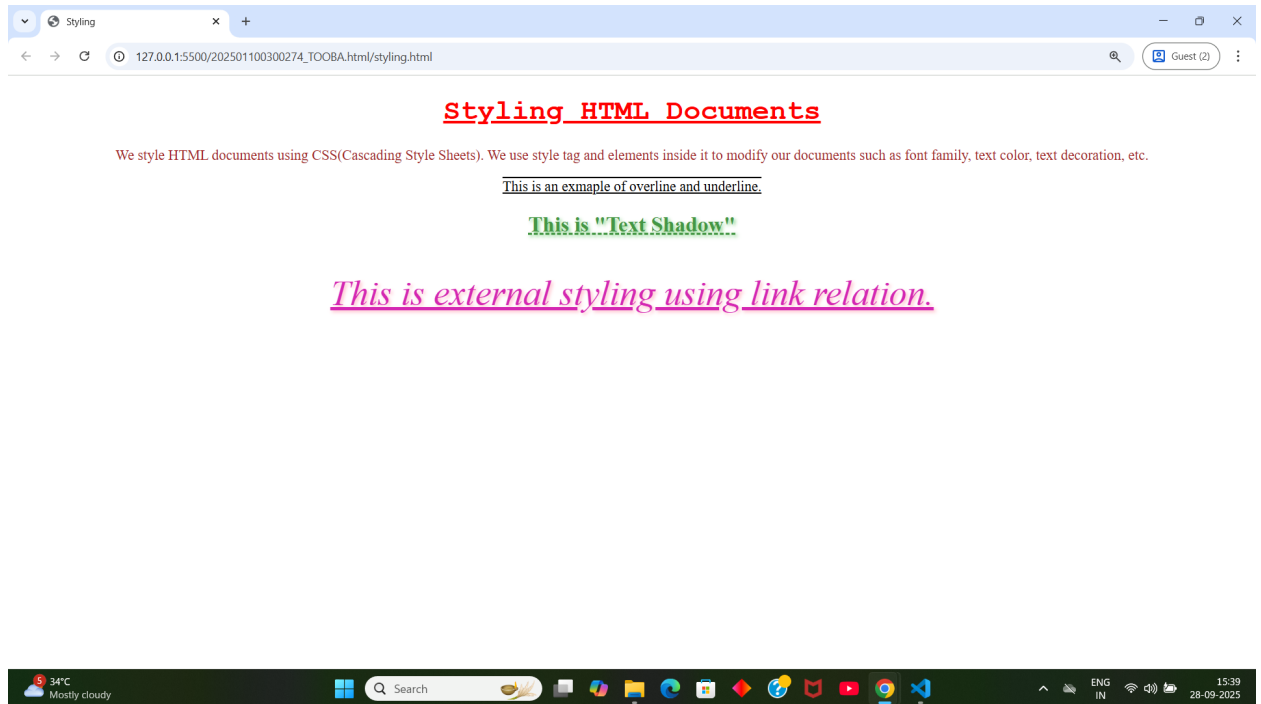
.ext{
  font-style: italic;
  text-align: center;
  text-decoration: underline ;
  text-shadow: 2px 2px 4px pink;
  font-size: 40px;
}

```



```
color: rgb(212, 39, 178);  
}
```

## Output:



## 8. Assignment 1

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Personal Homepage</title>
</head>
<style>
  body {
    margin-left: 100px;
    margin-right: 100px;
    margin-bottom: 200px;
  }
  p {
    font-size: 20px;
  }
  ol li {
    font-size: 20px;
  }
</style>
<body>
  <h1>My Personal Homepage</h1>
  <h2>Contents</h2>
  <ol>
    <li><a href="#section1">About me</a></li>
    <br>
    <li><a href="#section2">Hobbies and Interests</a></li>
    <br>
    <li><a href="#section3">My SWOC Analysis</a></li>
    <ul>
      <li><a href="#section4">Strength and Weakness</a></li>
      <li><a href="#section5">Opportunities</a></li>
      <li><a href="#section6">Challenges</a></li>
    </ul>
    <br>
    <li><a href="#section7">Aim and Vision</a></li>
    <br>
    <li><a href="#section8">My Works</a></li>
  </ol>
  <section id="section1">
    <h2>About Me</h2>
    <p>Hello! My name is Tooba Ashfaque and I belong to Allahabad(now Prayagraj).
    I have completed my intermediate from PM SHRI Kendriya Vidyalaya AFS Manauri,
    Allahabad and am currently pursuing Bachelor of Technology in Computer Science

```

and Engineering with specialization in Artificial Intelligence from KIET Group of Institutions, Ghaziabad. I am always keen about learning new things no matter what the domain is. I'm proficient in Python and am currently learning C language and HTML.</p>

</section>

<br>

<section id="section2">

<h2>Hobbies and Interests</h2>

<p>I'm passionate about coding and working with artificial intelligence and Internet of Things. Besides these, I am into drawing, sketching and painting and hence have immense appreciation for art. I also love to read books, primarily fiction, and explore places with full of nature's essence which fill me with a peaceful sense of warmth. As for sports, I like playing kabaddi, badminton and chess though I know little about these and would love to know more in future.</p>

</section>

<br>

<section id="section3">

<h2>My SWOC Analysis</h2>

</section>

<section id="section4">

<h3>Strength and Weakness</h3>

<p>My strength lies in my discipline, confidence and patience. I can manage stress effectively, and can handle tough situations calmly and arrive on decisions which I believe prove to be better in the future. On the other hand, I cannot trust people easily and don't tend to express my true feelings everywhere, which I am trying to work upon.</p>

</section>

<section id="section5">

<h3>Opportunities</h3>

<p>I am looking for opportunities in technical field such as participating in hackathons and coding competitions, and joining a technical club as well as a few non-technical clubs for improving my soft skills.</p>

</section>

<section id="section6">

<h3>Challenges</h3>

<p>Since I have only tasted a drop of coding and there is an ocean yet to explore, hence getting better at it while also managing my time effectively for other activities is a challenge for me right now. In the long run, I see increasing layoffs and shrinking job opportunities in the IT sector as a challenge.</p>

</section>

<br>

<section id="section7">

<h2>Aim and Vision</h2>

```

    <p>I aim to be a flawless coder as well as a skilled engineer so that I can
develop impeccable solutions to some real-life problems with the help of
technology while also investing my time and efforts for the welfare of
humanity.</p>
    </section>
    <br>
    <section id="section8">
    <h2>My Works</h2>
    <p>You can check out some of my artworks which include sketches, drawings and
paintings here:<br> <a href="artworks.html">Artworks</a> <br> <a
href="https://ca.pinterest.com/ahmadart_/easy-acrylic-painting-for-
beginners/">Click here to watch some painting tutorials!</a></p>
    </section>

</body>
</html>

```

## Artwork file:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Artworks</title>
</head>
<style>
    body {
        margin-left: 100px;
        margin-right: 100px;
        margin-bottom: 200px;
    }
</style>
<body>
    <h1>My Artworks</h1>
    
    <br><br><br>
    
    <br><br><br><br>
    
    <br><br><br><br>
    

```

```

<br><br><br><br>

<br><br><br><br>

<br><br><br><br>

<br><br><br><br>

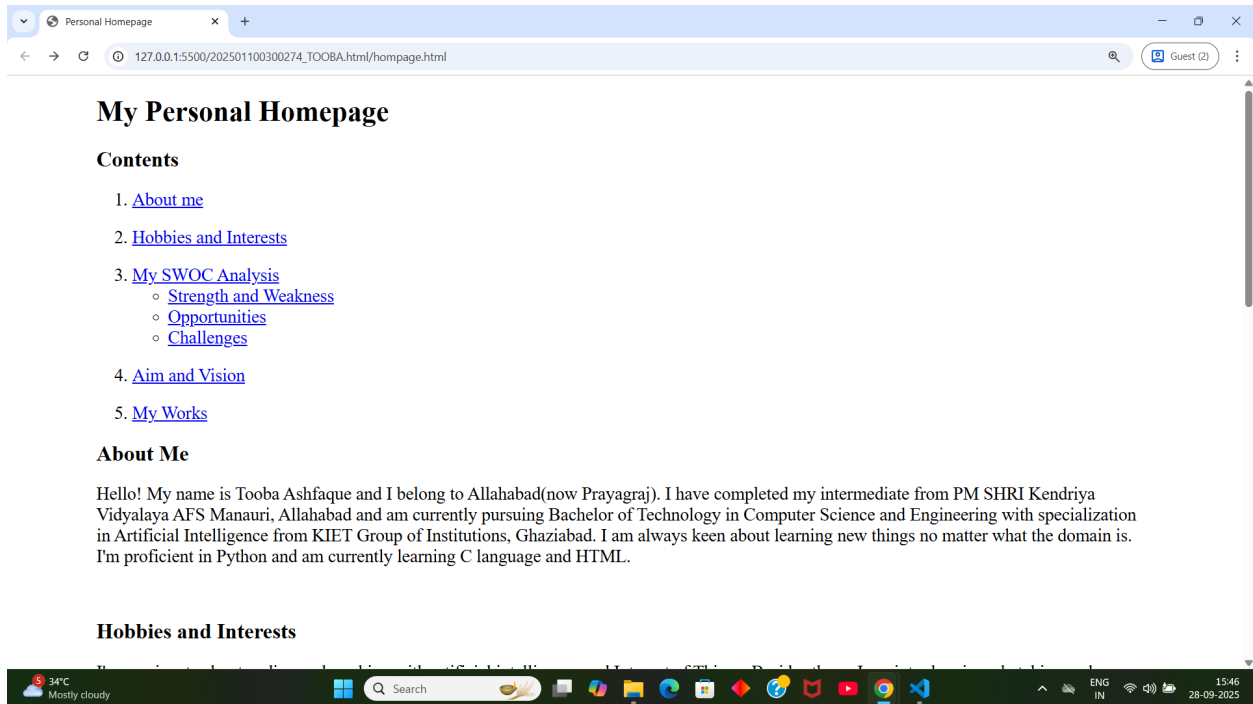
<br><br><br><br>

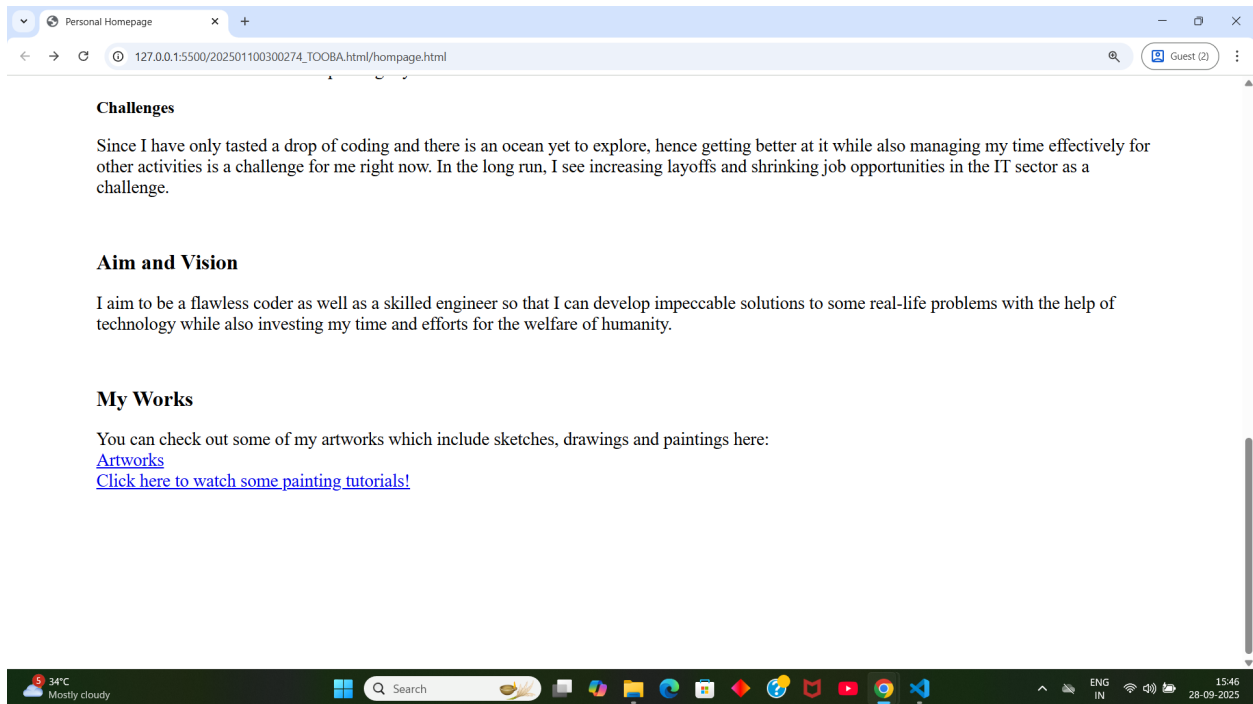
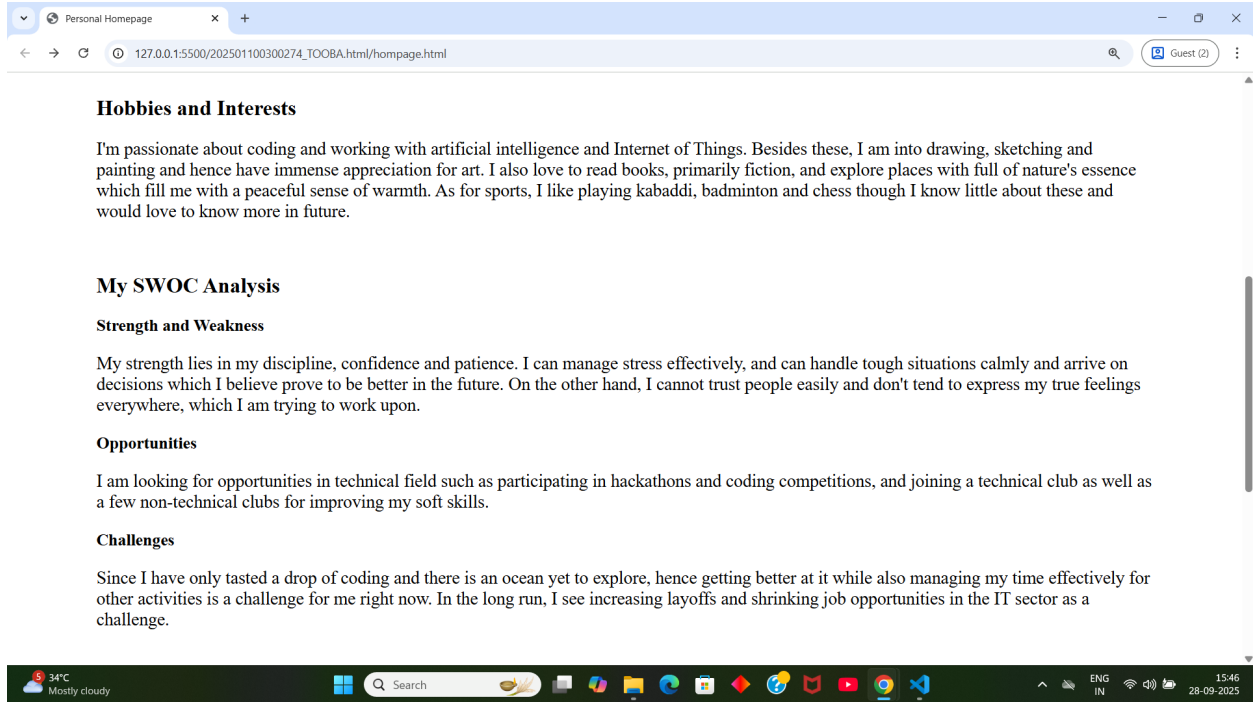
<br><br><br><br>

</body>
</html>

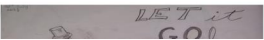
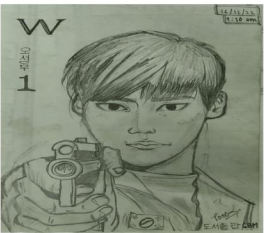
```

## Output:





My Artworks



Personal Homepage

Artworks

98 Easy Acrylic Painting for Beginners

ca.pinterest.com/ahmadart/easy-acrylic-painting-for-beginners/

Guest (2)

Pinterest

Explore

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Sign up

Easy Acrylic Painting for Beginners

98 Pins · 1 mo

Easy acrylic painting ideas, acrylic painting inspiration and painting tutorials!

By AhmadArt

0:27

0:32

0:41

0:38

1:18

34°C Mostly cloudy

Search

ENG IN

15:48 28-09-2023



## 9. Assignment 2

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Birthday Invitation</title>
  <style>
    body{
      text-align: center;
    }
    .invitation{
      background-color: rgba(244, 245, 234, 0.121);
      border: 3px slategray;
      padding: 20px;
      width: 700px;
      box-shadow: 0px 4px 8px 0 rgba(0,0,0,0.8);
      border-radius: 5px;
      text-align: center;
      margin-left: 380px;
    }
    .glow{
      text-shadow: 2px 2px 4px #e3a1e7;
    }
    .name{
      color:rgb(157, 207, 124);
      font-size: 40px;
      font-family: monospace;
      text-shadow: 2px 2px 4px #c4ec9b;
    }
    .date{
      font-family:Arial, Helvetica, sans-serif;
      font-size: 50px;
      color: rgb(104, 207, 207);
      text-shadow: 1.5px 1.5px 3px #9be9ec;
      margin-top: 0;
      margin-bottom: 0;
    }
  </style>
</head>
<body>
  <div class="invitation">
    <br><br>
```

```
<p style="font-family:Verdana, Geneva, Tahoma, sans-serif; font-size:
15px;"><b>You are invited to the</b></p>
<h1 class="glow"; style="font-family: cursive; color: rgb(177, 106, 185);
font-size: 75px;"><i><b>Birthday Party</b></i></h1>
<p style="font-family:Verdana, Geneva, Tahoma, sans-serif;font-size:
15px"><b>of</b></p>
<h2 class="name">Shahista Parveen</h2>
  
<p style="font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif; font-size: 12px;"><b>There will be games, food and fun as we<br>celebrate  
together!</b></p>  
<br>  
<h3 style="font-size: 25px; color: rgb(50, 134, 167);">October</h3>  
<h1 class="date">24</h1>  
<h3 style="font-size: 25px;color: rgb(53, 142, 177);">2025</h3>  
<p style="font-family: inherit; font-size: 16px; text-decoration:overline  
underline; text-underline-offset: 7px;">Friday, 7 pm</p>  
<br><br><br><br><br>  
<h3 style="font-family: 'Courier New', Courier, monospace; font-size:  
20px;">123, Lemon tree Hotel,</h3>  
<h3 style="font-family: 'Courier New', Courier, monospace; font-size:  
20px;">Ghaziabad,</h3>  
<h3 style="font-family: 'Courier New', Courier, monospace; font-size:  
20px;">Delhi NCR</h3>  
<br><br><br>  
</div>  
</body>  
</html>



Output:

