

# **BUILDING A BLOG APP**

**4<sup>th</sup> B.TECH -1ST-- SEM( Computer Science & Engineering )**

**Submitted by:**

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CERTIFICATE**



This is to certify that the dissertation entitled **“BUILDING A BLOG APP”** that is being submitted by MENTE VAISHNAVI DEVI(20AP1A0534) in partial fulfilment for the award of **Bachelor of Technology in Computer Science and Engineering** to the **Bhimavaram Institute of Engineering and Technology, Jawaharlal Nehru Technological Kakinada** is a record of bonafide work carried out by them under my guidance and supervision.

The results embedded in this dissertation have not been submitted to any other university/ institute for the award of any degree/diploma

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Department of CSE

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Last but not least I would thank my classmates who have helped me a lot.

By:

- |                    |              |
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## **DECLARATION**

We have by declare that project report entitled “BUILDING A BLOG APP “ is genuine project work carried out by us in the Bachelor of Degree COMPUTER SCIENCE AND ENGINEERING Degree course of JAWAHARLALA NEHRU TECHNOLOGY UNIVERSITY, KAKINADA and has not been submitted to any other courses (or) university for award of degree of us.

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## **ABSTRACT:**

Blog is a communication tool that plays a key role in a web application. Use of blogs has resulted in a paradigm shift in the way a web application interacts with the customer. During the development of web application, there is a need to elicit and specify the requirements for the blogging functionality. In this study, we present a requirements checklist for the blog, from the perspective of integrating the blog in a web application. We follow the use case based approach for identifying the software requirement for the blog. The requirement checklist helps both the web application and the developer during the requirement elicitation of the blog's software. The checklist is also useful during the testing phase for the validation and verification of the blog functionality.

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# **1.INTRODUCTION :**

Blog is an important social networking tool included in a web application, to facilitate interaction and collaboration with the users. For a web application, it is an important part of online marketing. Blog in a web application is used for promoting products and services, writing articles, providing product updates, educating user. Blog facilitates communication and interaction with the user to share knowledge and expertise. Generally, the second option of installing blog software in own server space is the preferred choice of a web application. It is not a standard practice to write code for the blog.

## **1.1 Overall Description**

The main aim of this application is to provide a hassle-free accessing of the posted blogs, entries, topics etc. It also used for posting the blogs, editing the blogs, deleting the posted blogs etc. It is also used for viewing and posting the others one's blogs/posts..

Every organization, whether big or small, has challenges to overcome and managing the information of Idea, Blogs, Entries, Content, Views. Every Online Blogging System has different blogs needs therefore we design exclusive employee management systems that are adapted to your managerial requirement.

## **1.2 Purpose**

The purpose of a blog is to create a more engaging website for your brand. Along with using your website to teach users about your products and services, you can also include a blog section to teach consumers about topics that are relevant to your field. Along with this, a blog can help you get more website traffic from search engines. By incorporating relevant keywords, more people can find your blog posts through search and potentially find the rest of your website.

### **1.2.1 Functionalities provided by Blog app as follows:**

#### **1.Ease of Use**

First, any blog content management system has to be easy to use. No blogger wants to spend hours just trying to figure out how to create a blog post or add a tag.

#### **2. Support from Real People**

The best website teams provide help that's just a phone call or email away



### **3. A Really Good Content Editor**

The ability to format blog content the way you want to see it without needing to know HTML or other programming languages is essential.

### **4. Ability to Manage Many Bloggers**

It is important to maintain a consistent message throughout your blog posts. LRS Antilles, as the content management system, provides a rich user management.

### **5. Share**

The whole point of a blog post is to have as many people read as possible. If blog readers can easily share, your content will be seen by the people in their network, extending your reach exponentially.

### **6. SEO**

SEO stands for Search Engine Optimization. Basically, it's making sure your website pages show up when users run a search on your topic keywords.

## **2. REQUIREMENTS AS FOLLOWS**

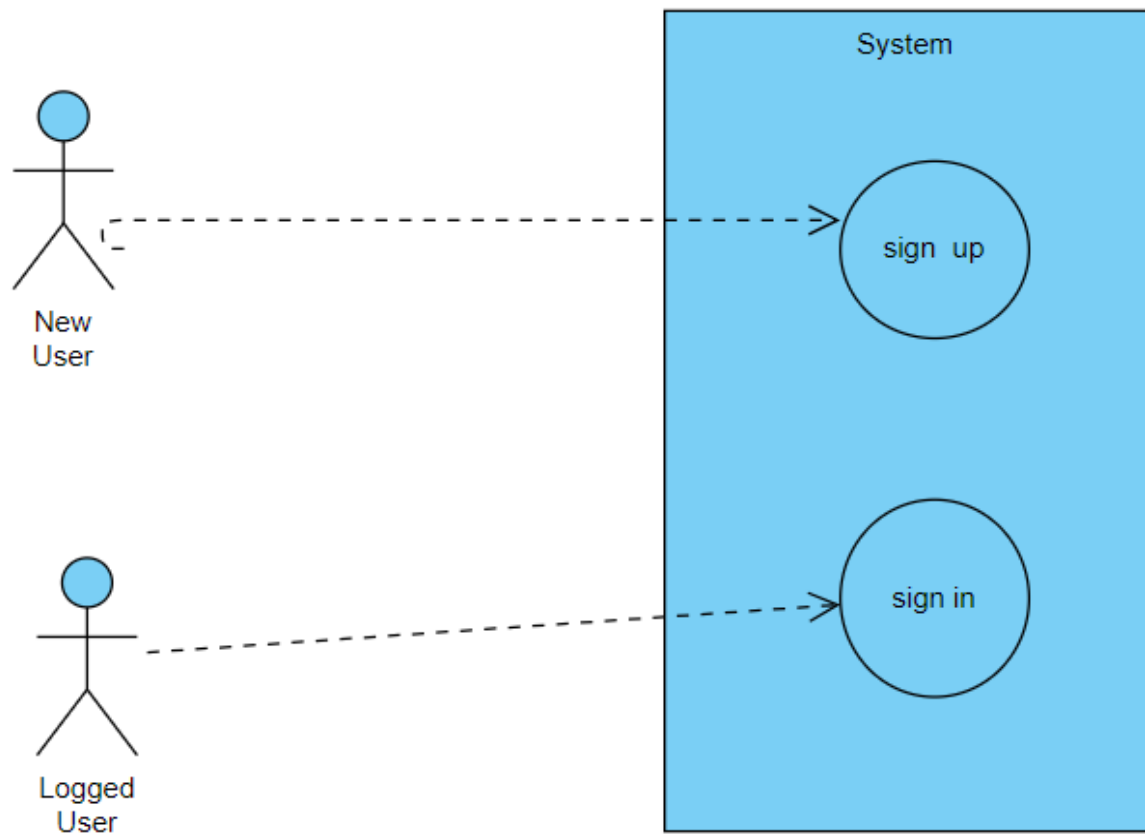
### **2.1 Software Requirements**

- Text Editor: Any code editor like Visual Studio Code, Sublime Text, Atom, or Notepad++.
- Web Browser: Chrome, Firefox, Safari, or Edge for testing and viewing your web pages.
- Code Version Control: Optional but recommended for collaborative work, you can use Git with platforms like GitHub or GitLab.
- Local Development Server: You can use tools like Live Server for real-time preview of your changes

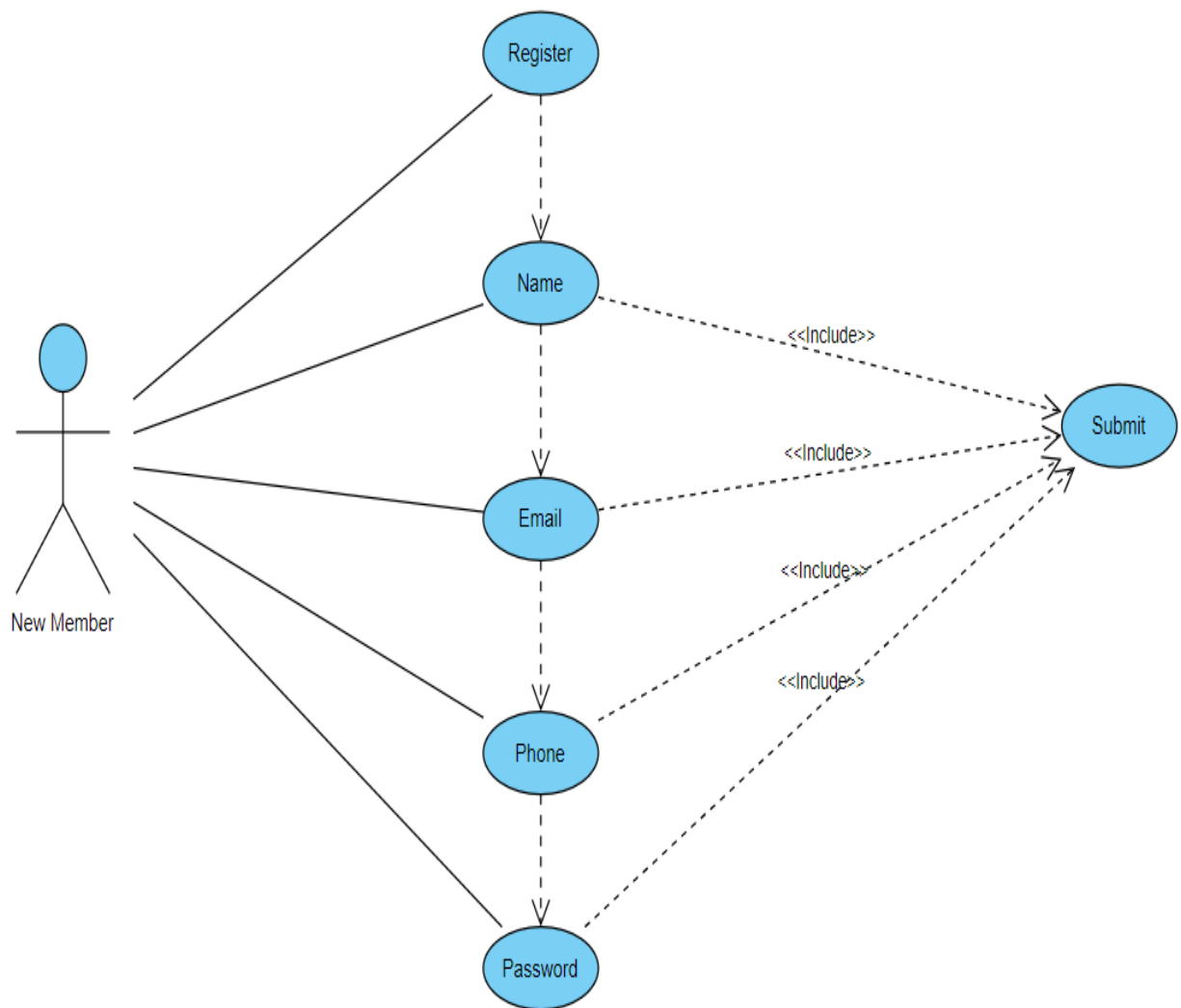
## **2.2 Hardware Requirements**

- **Computer:** A desktop or laptop with a compatible operating system (Windows, macOS, Linux).
- **Internet Connection:** Needed for online resources, libraries, and testing in a browser.

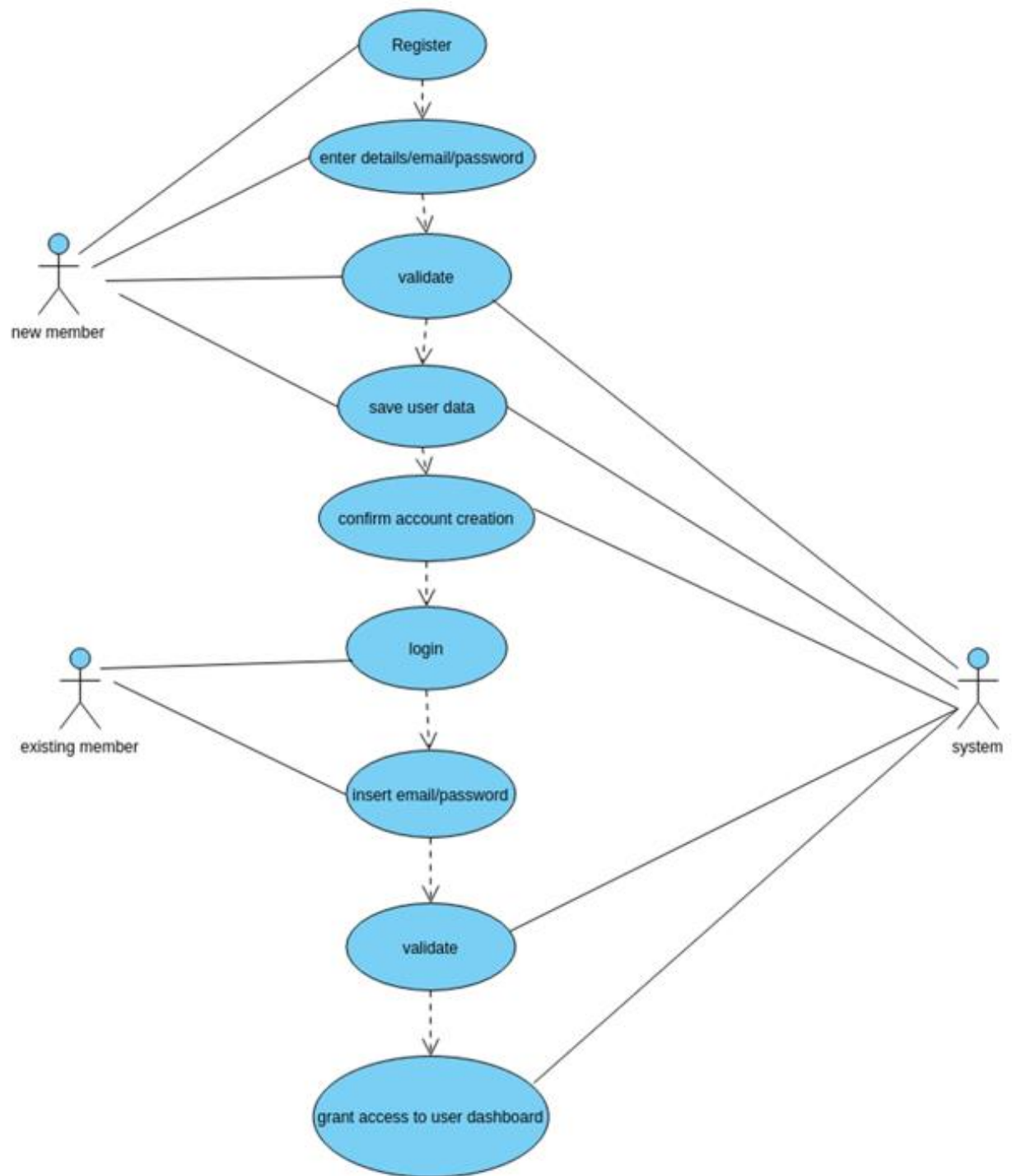
### 3.USECASE DIAGRAMS



### 3.1 REGISTRATION FORM



## 3.2 LOGIN PAGE



## **4.BENEFITS OF BLOG APP**

### **4.1Advantages**

- Blog Brings Traffic to Your Website.
- Music makes you happier.
- Helps you Generate More Leads and Conversions.
- It helps in enhances running performance.
- Helps you Repurpose Content for Other Marketing

Channels.

- Music improves health and lowers stress.
- Helps you Build Authority in Your Industry.
- Entertainment reduces depression
- Helps You Strengthen Brand Recognition.
- It gains strengthens learning and memory.
- Helps You Build an Engaging Audience

## 4.2 Disadvantages

- You may invest time, sweat and soul and get nothing in return.

- It can trigger bad memories

- It takes a huge upfront investment of time and work.

- Music can be distracting.

- It's a lot more difficult than it looks.

- It's very difficult to make money in the music industry

- It causes noise pollution.

- Blogging for your business can actually hurt you if you do it wrong.

- Making Bad Decisions.

- Blogging While Traveling Full-Time Isn't A Small Task.

- Music can be distracting



## **5.PROGRAMS:**

### **5.1HOME.HTML**

```
<!Doctype Html>
```

```
<Html>
```

```
<head>
```

```
<style>
```

```
.button {
```

```
Background-color:palegreen;
```

```
border: none;
```

```
color: rgba(177, 169, 169, 0.966);
```

```
padding: 15px 32px;
```

```
text-align: center;
```

```
text-decoration: none;
```

```
display: inline-block;
```

```
font-size: 16px;
```

```
margin: 4px 2px;
```

```
cursor: pointer;
```

```
opacity: 0.6;
```

```
transition: 0.3s;
```

```
display: inline-block;
```

```
text-decoration: none;
```

```
cursor: pointer;
```

```
}
```

```
.button:hover {opacity: 1}
```

```
</style>
```

```
</head>
```

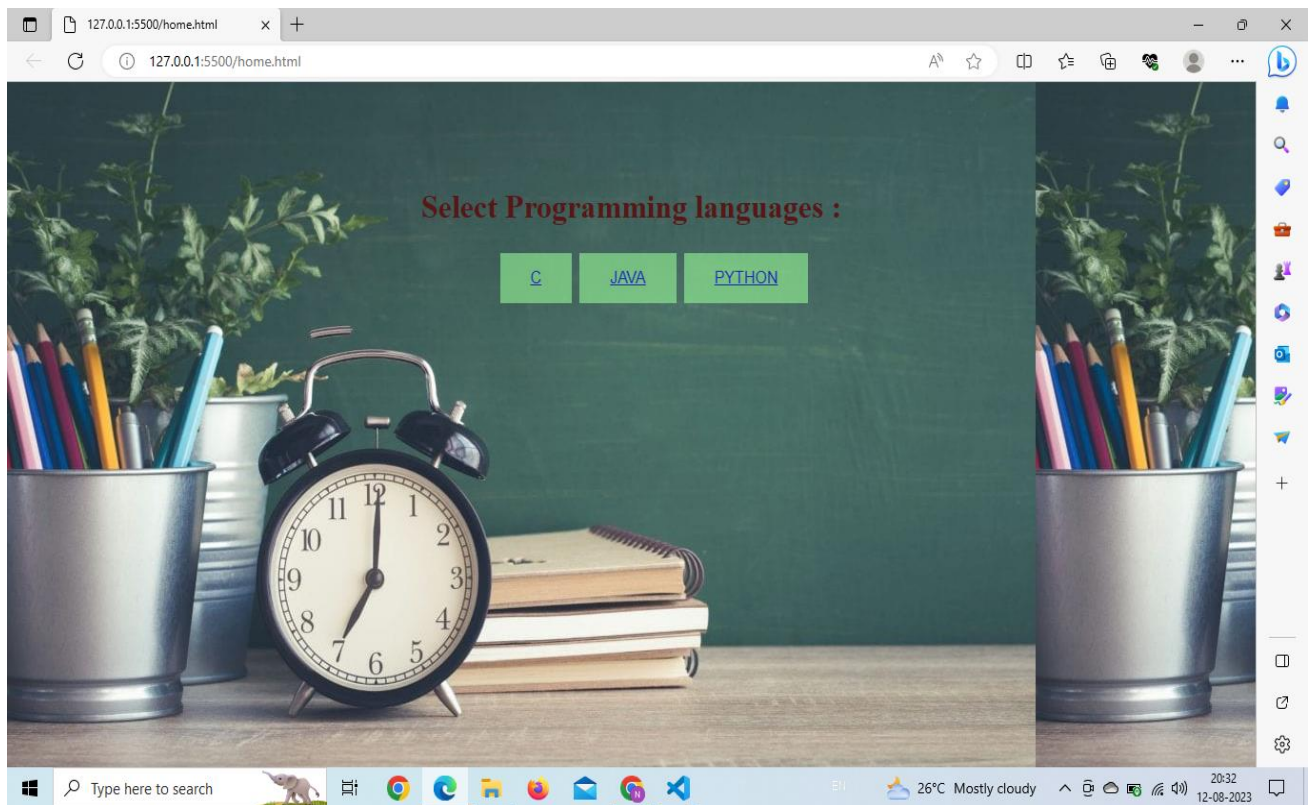
```
<Body>
```

```
<style>
```

```
body {
```

[illegible]

## OUTPUT:



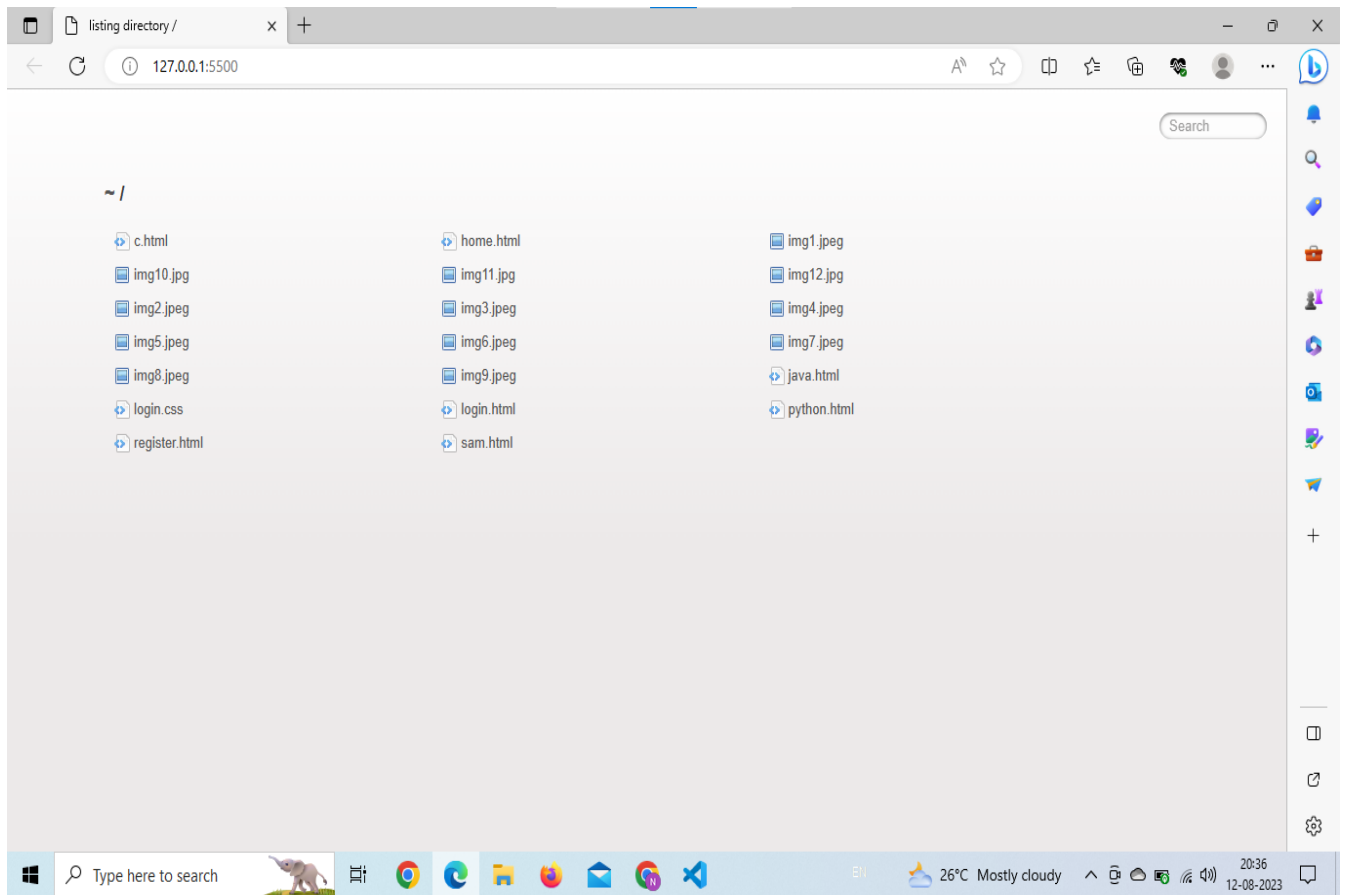
## 5.2LOGIN.CSS

```
*{
    padding: 0;
    margin: 0;
}
body{
    background: url(images/logslogo.webp) no-repeat;
    background-size: cover;
    align-items: center;
    justify-content: center;
    display: flex;
    font-family: sans-serif;
}
.container{
    position: relative;
    margin-top: 100px;
    width: 450px;
    height: auto;
    background: #dedede;
    border-radius: 5px;
}
.label{
    padding: 20px 130px;
    font-size: 35px;
    font-weight: bold;
    color: #130f40;
}
.login_form{
    padding: 20px 40px;
```

```
}  
.login_form .font{  
    font-size: 18px;  
    color: #130f40;  
    margin: 5px 0;  
}  
.login_form input{  
    height: 40px;  
    width: 350px;  
    padding: 0 5px;  
    font-size: 18px;  
    outline: none;  
    border: 1px solid silver;  
}  
.login_form .font2{  
    margin-top: 30px;  
}  
.login_form button{  
    margin: 45px 0 30px 0;  
    height: 45px;  
    width: 365px;  
    font-size: 20px;  
    color: white;  
    outline: none;  
    cursor: pointer;  
    font-weight: bold;  
    background: #1A237E;  
    border-radius: 3px;  
    border: 1px solid #3949AB;
```

```
        transition: .5s;
    }
    .login_form button:hover{
        background: #151c6a;
    }
    .login_form #email_error,
    .login_form #pass_error{
        margin-top: 5px;
        width: 345px;
        font-size: 18px;
        color: #C62828;
        background: rgba(255,0,0,0.1);
        text-align: center;
        padding: 5px 8px;
        border-radius: 3px;
        border: 1px solid #EF9A9A;
        display: none;
    }
```

## OUTPUT:



## 5.3REGISTER.HTML

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <meta charset="utf-8">
```

```
    <meta name="viewport",content="width=device-width,initial-scale=1.0">
```

```
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
```

```
    <title>JS form validation</title>
```

```
    <style>
```

```
        h1
```

```
        {
```

```
            color:#09385a;
```

```
        }
```

```
        .fromdesign
```

```
        {
```

```
            font-size:20px;
```

```
            background-color: #7e8d29;
```

```
        }
```

```
        .formdesign input{
```

```
            border:1px solid lightgreen;
```

```
            background-color:lavender;
```

```
            border-radius:4px;
```

```
            font-size:15px;margin:14px;
```

```
        }
```

```
        .fromerror{
```

```
color:white;
```

```
        }
```

```
        .button {
```



```

        background-color:black;

        border: none;

        color:white;

        padding: 15px 32px;

        text-align: center;

        text-decoration: none;

        display: inline-block;

        font-size: 16px;margin: 4px 2px;

opacity: 0.6;

transition: 0.3s;

display: inline-block;

text-decoration: none;

cursor: pointer;

}

.button:hover {opacity: 1}

th,td {

    padding-left :15px;

}

#one{

    padding: 150px;

}

</style>

</head>

<body>

<style>

body {

    background-image: url('images/registerlogo.jpg');

    background-size: 1550px 850px;

```

```

        background-repeat: no-repeat;
    }
</style>

<div id="one">

<center><h1>REGISTRATION FORM</h1>

<table style="height:200px;color:rgb(0, 0, 0)">

    <br>

<form action="/myaction.php" name="myform" onsubmit="return        validateForm()"
method="post">

    <div class="formdesign" id="name">

        <tr>

            <td>

<label>Name:</label></td>

            <td>

                <input type="text" name="fname" required><span class="fromerror"><b></b></span>

            </td>

        </tr>

    </div>

    <div class="formdesign" id="email">

        <tr>

            <td>

<label>

Email:

</label></td>

            <td><input                type="email" name="femail"                required><span
class="fromerror"><b></b></span>

            </td>

        </tr>

    </div>

```

```

<div class="formdesign" id="phone"required>

    <tr>

        <td>

            <label>

Phone:

            </td>

            <td>                <input                    type="phone"name="fphone"required><span
class="fromerror"><b></b></span>

            </td>

        </tr>

</div>

<div class="formdesign" id="pass"required>

    <tr>

        <td>

            <label>Password:

            </label>

        </td>

        <td>

            <input                    type="password"name="fpass"required><span
class="fromerror"><b></b></span>

            </td>

        </tr>

</div>

<div class="formdesign" id="cpass">

    <tr>

        <td>

            <label> Confirm Password:

        </td>

        <td><input type="text"name="fcpass"required>

            <span class="fromerror"><b></b></span>


```

```

        </td></tr>

    </div>

</table>

    <button        class="button"><a        href="login.html"        style="color:
white;">submit</a></button></center>

</form>

</div>

</body>

<script>

    function clearErrors(){
        errors=document.getElementsByClassName('fromerror');
        for(let item of errors)
        {
            item.innerHTML="";
        }
    }

function seterror(id,error){
    //sets error inside tag of id
    element=document.getElementById(id);
    element.getElementsByClassName('fromerror')[0].innerHTML=error;
}

function validateForm(){
    var returnval=true;

    clearErrors();

    var name=document.forms['myform']['fname'].value;

    if(name.length<5){
        seterror("name","Length of name is too short");
        returnval=false;    }

```

```
if(name.length==0){
    seterror("name","Enter your name");
    returnval=false;
}
var email=document.forms['myform']["femail"].value;
if(email.length>20){
    seterror("email","enter valid email");
    returnval=false;
}
var phone=document.forms['myform']["fphone"].value;
if(phone.length!=10){
    seterror("phone","enter valid phone number");
    returnval=false;
}
var pass=document.forms['myform']["fpass"].value;
if(pass.length<6){
    seterror("pass","Password must be atleast 6 charecters");
    returnval=false;
}
var cpass=document.forms['myform']["fcpass"].value;
if(cpass!=pass){
    seterror("cpass","Password and confirm password should be matched");
    returnval=false;
}
return returnval;
}
</script>
</html>
```

## OUTPUT:



## 5.4C.HTML:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <center><h1>C PROGRAMMING</h1></center>
```

```
<style>
```

```
img{
```

```
height: 300px;
```

```
width: 300px;
```

```
}
```

```
#center {
```

```
text-align: center;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body style="background-color:pink">
```

```
<div id ="center">
```

```

```

```
</div>
```

```
<h3>
```

C is a versatile programming language that can be used in a wide range of applications.

```
<br>
```

C is used to System Programming, Embedded Systems,Networking and much more.<br>

```
<center></center>
```

```
<center></center>
```

```
<h4>BRIEF HISTORY OF C</h4>
```

```
<p>
```

<h3> History of C language is interesting to know. Here we are going to discuss a brief history of the c language.<br>

C programming language was developed in 1972 by Dennis Ritchie at bell laboratories of AT&T (American Telephone & Telegraph), located in the U.S.A.

Dennis Ritchie is known as the founder of the c language.<br>

It was developed to overcome the problems of previous languages such as B, BCPL, etc.

### 

### How does C Programming Language Work?

#### 

Execution of the C program involves 5 steps.<br>These are:<br>

[illegible][illegible][illegible]

            \* Linking the Program with functions from the C library<br>

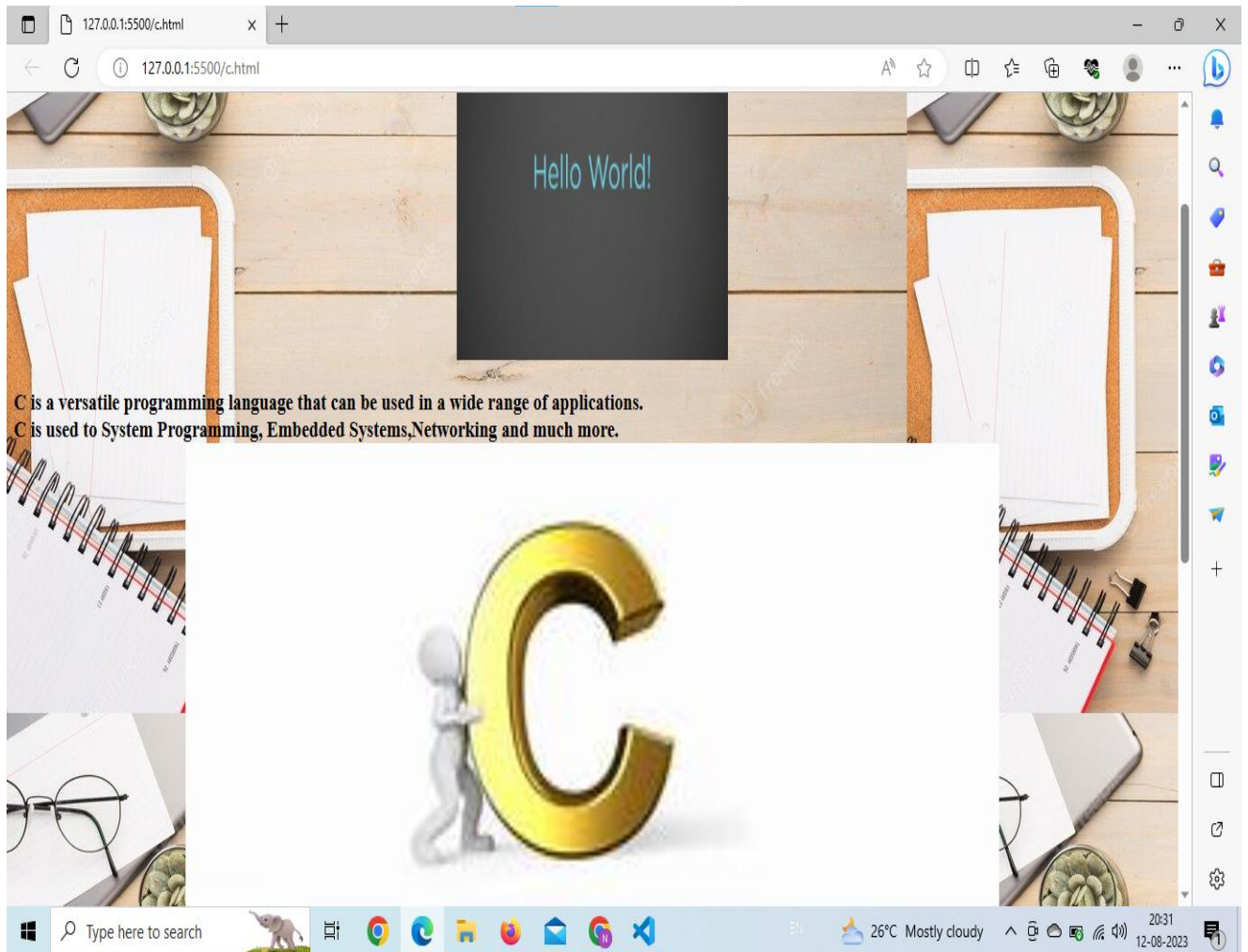
[illegible]

&lt;/body&gt;

&lt;/html&gt;



## OUTPUT:



## 5.5 LOGIN.HTML:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Validated Login Form</title>

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

</head>

<body>

    <style>

    body {

        background-image: url('images/logslogo.webp');

        background-size: 1550px 850px;

        background-repeat: no-repeat;

    }

    </style>

    <div class="container">

        <h1 class="label">User Login</h1>

        <form class="login_form" action="sam.html" method="post" name="form"
onsubmit="return validated()">

            <div class="font">Email or Phone</div>

            <input autocomplete="off" type="text" name="email">

            <div id="email_error">Please fill up your Email or Phone</div>

            <div class="font font2">Password</div>

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

            <div id="pass_error">Please fill up your Password</div>

            <button type="submit"><a href="home.html" style="color:
white;">Login</a></button>

        </form>

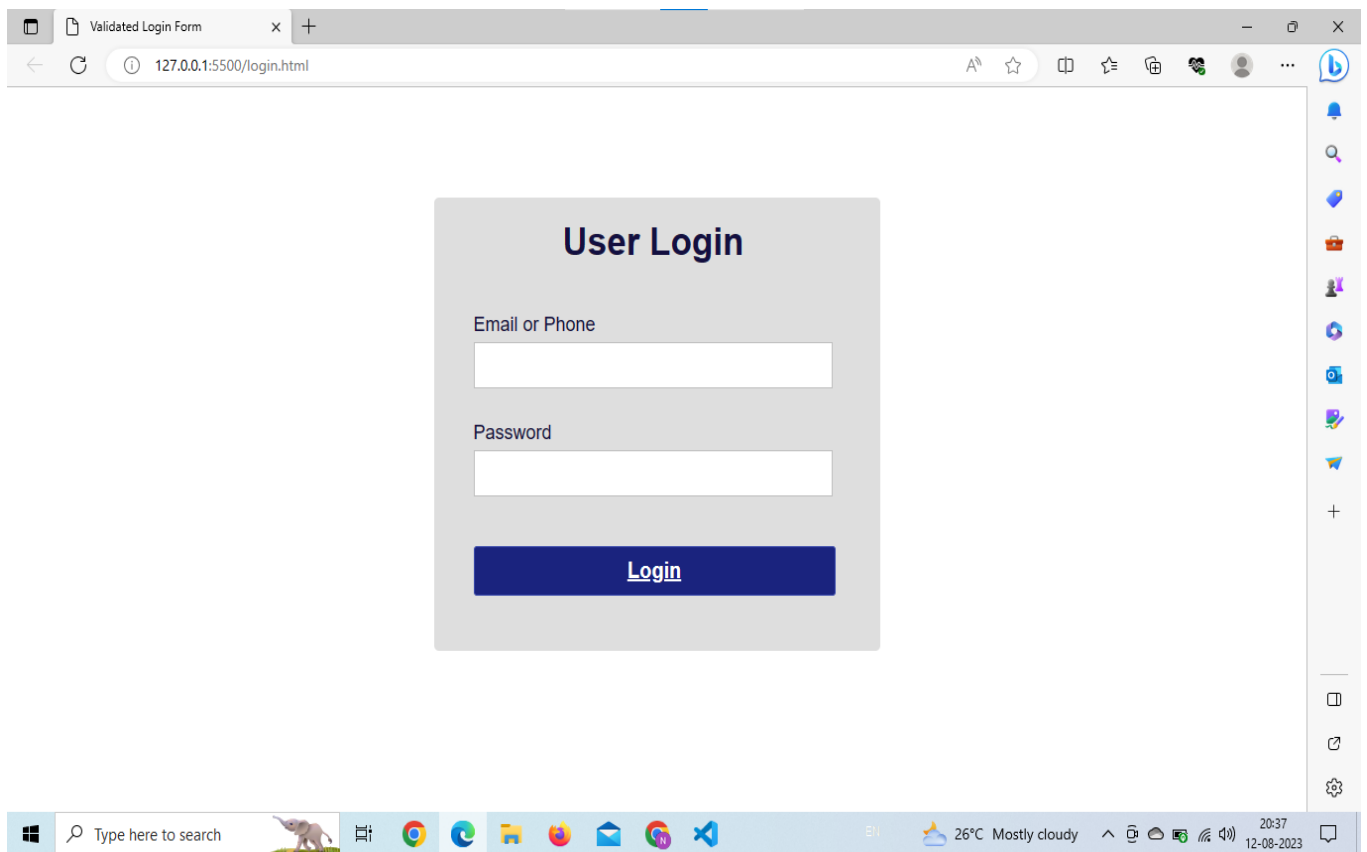
    </div>
```

```
<script src="login.js"></script>
```

```
</body>
```

```
</html>
```

## OUTPUT:



## **5.6SAM.HTML:**

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>Blog : Homepage</title>
```

```
    <link
```

```
href="https://fonts.googleapis.com/css2?family=Poppins:ital,wght@0,400;0,500;0,600;1,600&display=swap" rel="stylesheet">
```

```
    <link rel="stylesheet" href="home.css">
```

```
    <style>
```

```
    .button {
```

```
        background-color:palegreen;
```

```
        border: none;
```

```
        color: white;
```

```
        padding: 15px 32px;
```

```
        text-align: center;
```

```
        text-decoration: none;
```

```
        display: inline-block;
```

```
        font-size: 16px;
```

```
        margin: 4px 2px;
```

```
        cursor: pointer;
```

```
    }
```

```
    </style>
```

```
</head>
```

```
<body>
```

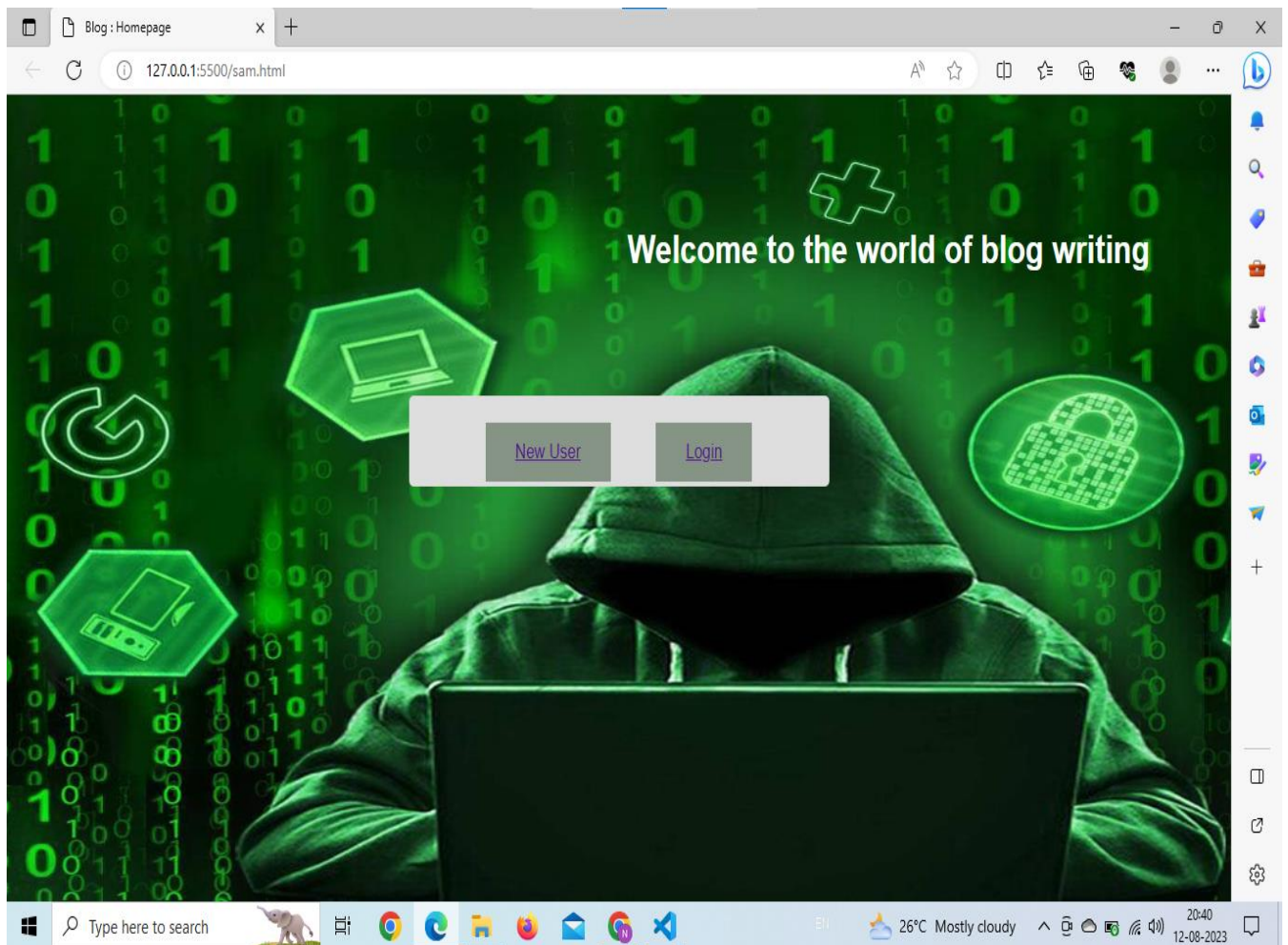
```
    <nav class="navbar">
```

```
    <style>
```

[illegible]



## OUTPUT:



## **5.7JAVA.HTML:**

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <center><h1>JAVA PROGRAMMING</h1></center>
```

```
<style>
```

```
img{
```

```
height: 300px;
```

```
width: 300px;
```

```
}
```

```
#center {
```

```
text-align: center;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body style="background-color: aqua;">
```

```
<div id ="center">
```

```

```

```
</div>
```

```
<h3>
```

```
    java is a popular programming language<br>
```

```
    Java is used to develop mobile apps, web apps, desktop apps, games and much  
    more.<br><br><br>
```

```
<center></center>
```

```
<center></center>
```

```
<h3>OOps (Object-Oriented Programming System)</h3>
```

```
<h4>
```



Object means a real-world entity such as a pen, chair, table, computer, watch, etc. Object-Oriented Programming is a methodology or paradigm to design a program using classes and objects. It simplifies software development and maintenance by providing some concepts:

\* Object

\* Class

\* Inheritance

\* Polymorphism

\* Abstraction

\* Encapsulation

## Advance Java

#### 

It is a part of Java programming language. It is an advanced technology or advance version of Java specially designed to develop web-based, network-centric or enterprise applications. It includes the concepts like Servlet, JSP, JDBC, RMI, Socket programming, etc. It is a specialization in specific domain.

Most of the applications developed using advance Java uses tow-tier architecture i.e. Client and Server. All the applications that runs on Server can be considered as advance Java applications.

Majorly there are three most important concepts in advanced Java and they are :

\* JSP (Java server pages)

\* JDBC (Java DataBase Connectivity)

\* Java servlets

## OUTPUT:



## 5.8PYTHON.HTML:

```
<!DOCTYPE html>
```

<html>

<head>

# PYTHON PROGRAMMING

<style>

img{

```
height: 300px;
```

```
width: 300px;
```

}

```
#center {
```

```
text-align: center;
```

}

&lt;/style&gt;

&lt;/head&gt;

```
<body style="background-color:rgb(228, 178, 98);">
```

```
<div id = "center">
```

```

```

### 

Python is a high-level, interpreted programming language that was created by Guido van Rossum and first released in 1991 <br>

Python programming language is a Free and Open Source .<br>

`<center></center>`

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#### Features of Python

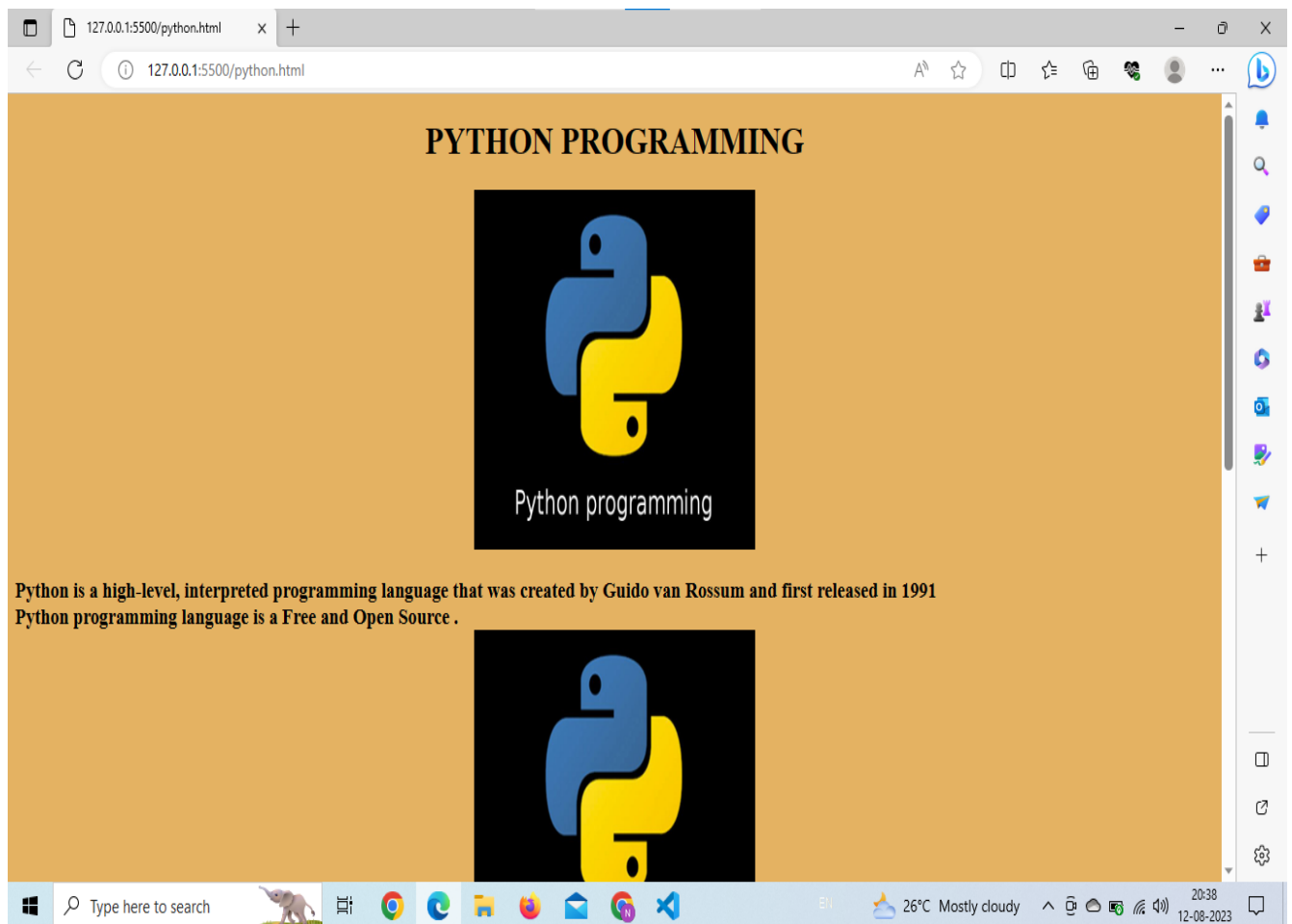
### 

[illegible]

\* Python is Dynamically Typed



## OUTPUT:



## **6.CONCLUSION**

A blog summary is a vital aspect of the content. It can accompany your primary text on many platforms online, and it can be an important draw for your target audience. So, if you wish to promote your content on social media, then a summary is the most important glimpse of your main content.