

ASSIGNMENT 1

Question-1:

Create a registration page in html with username, email and phone number and by using post method display it in next html page.

register.html

```
<html>
<head>
<title>Registration page</title>
<link rel="stylesheet" href="home.html">
</head>
<body style="text-align:center">
<div class="center"> <br /><br />
<form action="home.html" method="POST">
<h1>Register</h1> <br /><br />
<p> Enter username:</p>
<input type="text" name= "username" />
<p> Enter email:</p>
<input type="email" name="email"/>
<p> Enter Phone number:</p>
<input type="text" name="phone"/>
<br><br><br>
<input type="submit" value="SUBMIT"/>
</a>
</form>
</div>
</body>
</html>
```

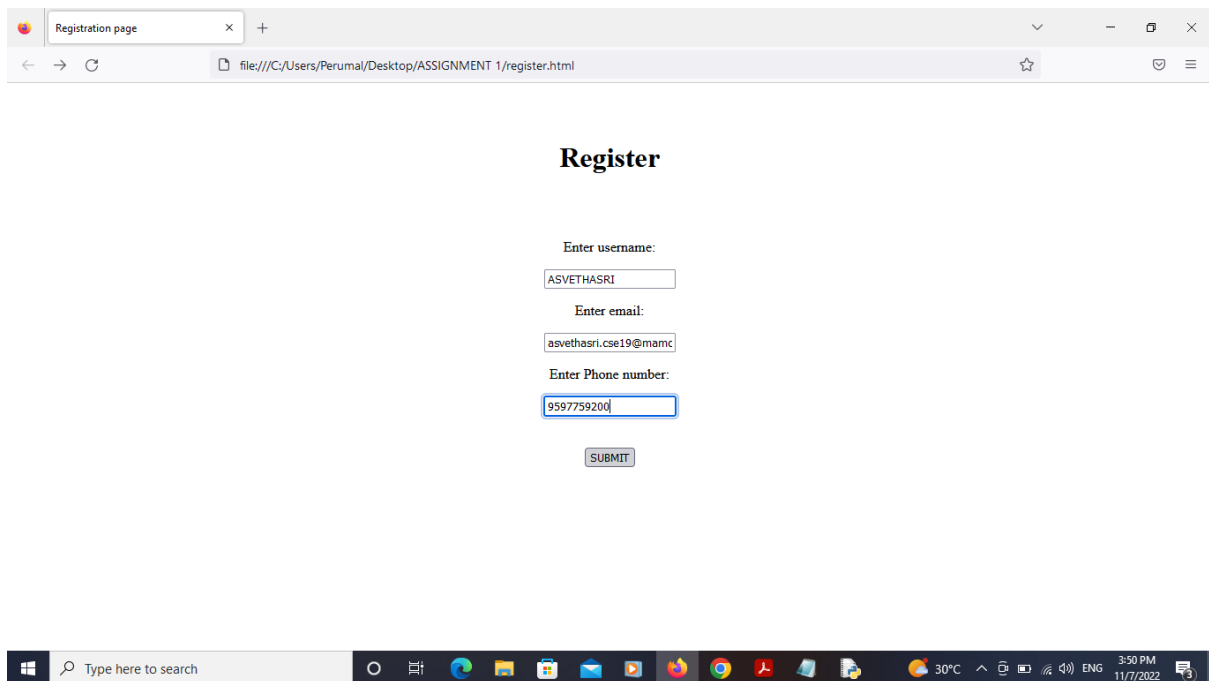
register.css

```
.center
{
margin: auto;
width: 10%;
}
h1
{
text-align:center;
}
Input
{
border-radius:5px;
padding:7px;
}
```

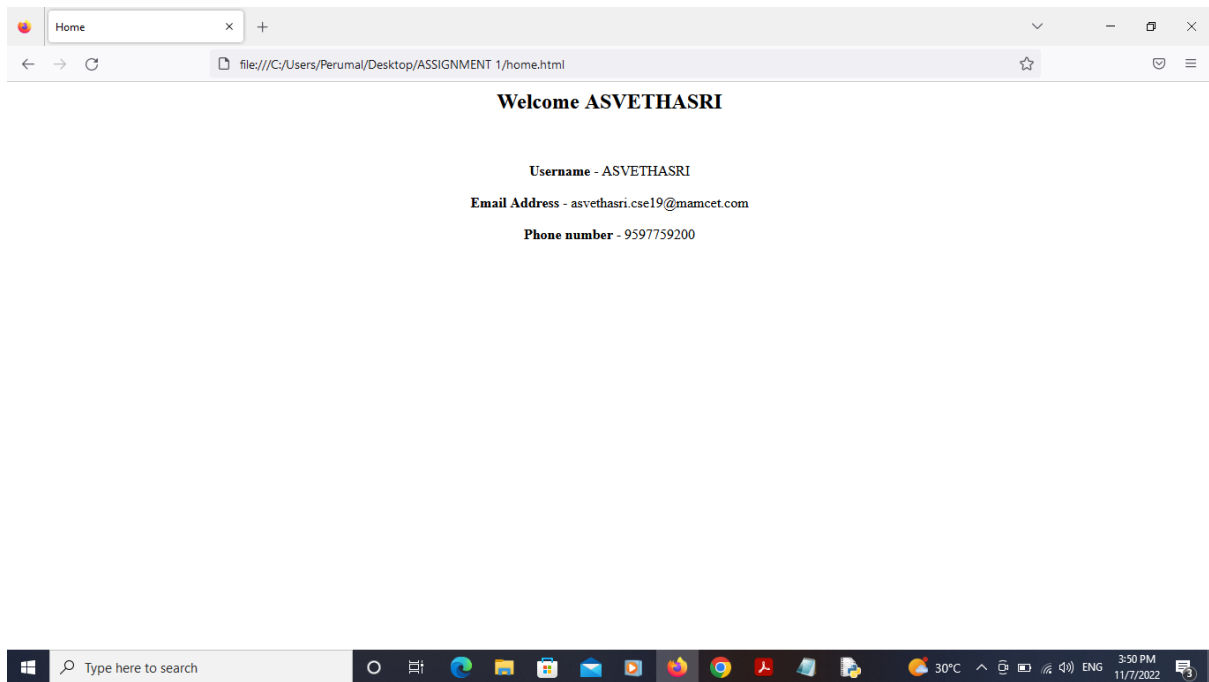
home.html

```
<html>
<head>
<title>Home</title>
</head>
<body style="text-align:center">
<h2>Welcome {{username}} </h2><br/><br/>
<b>Username</b> - {{username}}<br/><br/>
<b>Email Address</b> - {{email}}<br/><br/>
<b>Phone number</b> - {{phone}}<br/><br/>
</body>
</html>
```

OUTPUT



The screenshot shows a web browser window with a single tab titled "Registration page". The address bar shows the file path: file:///C:/Users/Perumal/Desktop/ASSIGNMENT 1/register.html. The page content is centered and features a heading "Register". Below the heading, there are three input fields with labels: "Enter username:" (containing "ASVETHASRI"), "Enter email:" (containing "asvethasri.cse19@mamc"), and "Enter Phone number:" (containing "9597759200"). A "SUBMIT" button is located at the bottom of the form. The Windows taskbar is visible at the bottom of the screen, showing the search bar and various application icons.



Question-2:

Develop a flask program which should contain atleast 5 packages used from pypi.org.

Packages used:

1. render_template
2. url_for
3. redirect
4. request
5. abort

Program :

```
python_packages.py
from flask import Flask,render_template,request,redirect,url_for,abort
app=Flask( name )
@app.route("/")
def home():
    return render_template("register.html")
@app.route("/register",methods=["POST","GET"])
def register():
    if request.method=="POST":
        username=request.form.get('username')
        email=request.form.get('email')
        phone=request.form.get('phone')
        if username=="admin":
            return redirect(url_for("admin_page"))
        return render_template("home.html",username=username,email=email,phone=phone)
```

```

@app.route("/admin")
def admin_page():
    return render_template("admin.html")
@app.route("/validate",methods=["POST","GET"])
def validate_admin():
    if request.method=="POST":
        password=request.form.get('password')
        if(password=="abcd"):
            return render_template("admindashboard.html")
        else:
            abort(403)
if name == ' main ':
    app.run(debug=True)

```

register.html

```

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<form action="home.html" method="POST">
<h1>Register</h1> <br /><br />
<p> Enter username:</p>
<input type="text" name= "username" />
<p> Enter email:</p>
<input type="email" name="email"/>
<p> Enter Phone number:</p>
<input type="text" name="phone"/>
<br></br></br>
<input type="submit" value="SUBMIT"/>
</a>
</form>
</div>
</body>
</html>

```

home.html

```

<!DOCTYPE html>
<html>
<head>

```

```

<title>Home</title>
</head>
<body style="text-align:center">
<h2>Welcome {{username}} </h2><br/><br/>
<b>Username</b> - {{username}}<br/><br/>
<b>Email Address</b> - {{email}}<br/><br/>
<b>Phone number</b> - {{phone}}<br/><br/>
</body>
</html>

```

admin.html

```

<html>
<head>
<title>Admin Login</title>
<link rel="stylesheet" href="{{url_for('static', filename='register.css')}}">
</head>
<body>
<div class="center"> <br /><br />
<form action="/validate" method="POST">
<h2 style="text-align:center">Admin login</h2> <br /><br />
<p> Enter password:</p>
<input type="text" name="password"/>
<br><br><br>
<input type="submit" value="submit" />
</form>
</div>
</body>
</html>

```

admindashboard.html

```

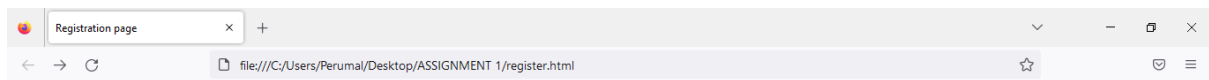
<html>
<head>
<title>Admin</title>
</head>
<body>
<h2 style="text-align:center">Welcome Administartor </h2><br/><br/>
<p><b>Who is an administrator?</b></p><br>
<p>Web administrators design, develop, maintain and troubleshoot websites. Most importantly,
they ensure a safe and efficient user experience. This may include implementing security protocols,
modifying programs, creating backups, resolving software problems, updating content and more.
They may work with many clients or for one organization to design, program and monitor
websites.Specific responsibilities include:</p>
<ul>

```

- Coding websites – the most popular languages include HTML and JavaScript
- Collaborating with development teams to program websites
- Setting up tools to monitor website traffic
- Analyzing website traffic to inform design decisions

</body>

</html>

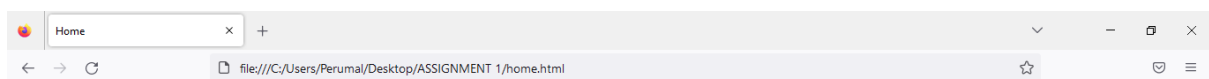


Register

Enter username:

Enter email:

Enter Phone number:



Welcome ASVETHASRI

Username - ASVETHASRI

Email Address - asvethasri.cse19@mamcet.com

Phone number - 9597759200





Admin login

Enter password:



Register

Enter username:

Enter email:

Enter Phone number:



Welcome Administrator

Who is an administrator?

Web administrators design, develop, maintain and troubleshoot websites. Most importantly, they ensure a safe and efficient user experience. This may include implementing security protocols, modifying programs, creating backups, resolving software problems, updating content and more. They may work with many clients or for one organization to design, program and monitor websites. Specific responsibilities include:

- Coding websites – the most popular languages include HTML and JavaScript
- Collaborating with development teams to program websites
- Setting up tools to monitor website traffic
- Analyzing website traffic to inform design decisions



Admin login

Enter password:



Forbidden

You don't have the permission to access the requested resource. It is either *read-protected* or *not readable* by the server.

