

## ASSIGNMENT – 1

Name Hemanent S

Roll No SSNCE195001038

Batch B1A3E-07

### AIM

1. Create registration page in html with username, email and phone number and by using POST method display it in next html page.
2. Develop a flask program which should contain at least 5 packages used from pypi.org

### Code

#### Main.py

```
from flask import *
from matplotlib import pyplot as plt
import numpy as np

import numpy as np
app=Flask(__name__)

@app.route("/", methods=['GET','POST'])
def form():
    if request.method=='GET':
        return render_template("index.html")
    elif request.method=='POST':
        username=request.form["name"]
        email=request.form["email"]
        phone=request.form["phone"]
        return
    render_template('display.html',username=username,email=email,phone=phone)

@app.route("/home",methods=['GET','POST'])
def graph():
    cars = ['AUDI', 'BMW', 'FORD',
            'TESLA', 'JAGUAR', 'MERCEDES']

    data = [23, 17, 35, 29, 12, 41]
```

```

fig = plt.figure(figsize =(10, 7))
plt.pie(data, labels = cars)
return plt.show()
if __name__=="__main__":
    app.run()

```

## Index.html

```

<html>
  <body>
    <form action="/" method="post" autocomplete="on">
      <h3><b><i>Register</i></b></h3>
      <label for="name"><b><i>Name</i></b></label>
      <input type="text" name="name" required></br></br>
      <label for="email"><b><i>Email</i></b></label>
      <input type="email" name="email" required></br></br>
      <label for="phone"><b><i>Phone</i></b></label>
      <input type="number" name="phone" id="pass"
required></br></br>
      <button>Register</button>
      <p><span><a href="index.html">Login</a></span></p>
    </form>
  </body>
</html>

```

## Display.html

```

<!DOCTYPE html>

<html >

  <body>

    <div class="row">
      <div class="coloumn right">
<h1><i>Displaying...</i></h1>

    <table id="marks">

```

```
<tbody>

    <tr>

        <td>User Name</td>

        <td>{{username}}</td>
    </tr>

    <tr>

        <td>Email</td>

        <td>{{email}}</td>
    </tr>

    <tr>

        <td>Phone Number</td>

        <td>{{phone}}</td>
    </tr>
</tbody>
</table></br>
</br>

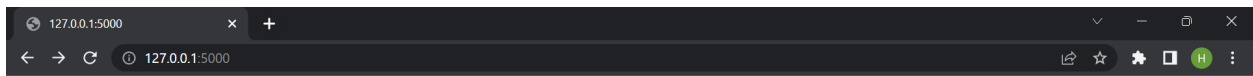
</div>

</body>

</html>
```

## Output:

1)



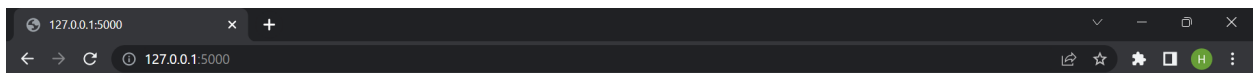
**Register**

**Name**

**Email**

**Phone**

[Login](#)



**Displaying...**

User Name	Hemanent
Email	hemanenthawk@gmail.com
Phone Number	9876543210

## 2) Packages(Matplotlib,numpy)

