

Assignment -1
Python Programming

Student Name	Mahadevan M
Student Roll Number	712219104015
Maximum Marks	2 Marks

Question-1:

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

Question-2:

2. Develop a flask program which should contain at least 5 packages used from pypi.org

Note:- Following application contains (Flask , render_template ,pickle, form, request)

So both Questions have same Answers

Source Code:

App.py

```
from flask import Flask,request,render_template
from tkinter import form
import pickle

app = Flask(__name__)

@app.route('/')
def hello_world():
    return render_template("login.html")

@app.route('/form_login',methods=['POST','GET'])
def login():
    name1=request.form['username']
    email=request.form['email']
    number=request.form['no']
    if request.method == "POST":
        return render_template('home.html',name=name1,mail=email,num1=number)

if __name__ == '__main__':
    app.run()
```

Home.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Home</title>
</head>
<body style="background: linear-gradient(45deg, lightgreen, lightblue);
background-attachment: fixed;">
<br>
<div style="border: 2px solid black; border-radius: 2em; background-color:
lightblue; width: 50%; margin: 3em auto;">
<h1 align="center">Welcome {{name}} !!!!</h1>
<h1 align="center">Your email-id is {{mail}}</h1>
<h1 align="center">Your number is {{num1}}</h1>
</div>
</body>
</html>
```

Login.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Login Page</title>
  <style>
    body{
      background: linear-gradient(45deg, lightgreen, lightblue);
    }

    form{
      margin:auto;
      border: 2px solid black;
      min-width: 20%;
      width: 30em;
      padding: 3%;
      max-width: 30%;
      justify-content: center;
      align-items: center;
      margin-top: 3em;
      background-color: lightblue;
      border-radius: 1em;
    }

    form input{
      padding: 12px;
      width: 80%;
      margin-left: 5%;
      margin-top: 5%;
    }

    span{
      font-weight: bold;
      font-family: Arial, Helvetica, sans-serif;
    }
  </style>

```

Output:-

Login Page:-

Login Page

127.0.0.1:5000

Username:

Vallarasu

Email:

vallarasuneyveli@gmail.com

Phone no:

9361421376

Register

23°C Sunny

19-10-2022 10:03

Home page:-

Home

127.0.0.1:5500/index.html

Welcome vallarasu !!!!

Your email-id is vallarasuneyveli@gmail.com

Your number is 9361421376

30°C Sunny

19-10-2022 10:19