

Assignment-1

Assignment Date	19 September 2022
Student Name	Subalakshmi G
Student Roll Number	511319205031
Maximum Marks	2 Marks

Question 1:

1. Create a 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 ,url_for, redirect, request)

So both Questions have same Answers.

Source Code:

Index.html:

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="\static\style.css">
</head>
<body>
<form method="post" action="login">
  <div class="container">
    <center> <h1> Registration Form</h1> </center>
    <hr>
    <label><b>Name:</b></label>
    <input type="text" name="name" placeholder= "Enter Name" size="15" required />

    <label for="email"><b>Email:</b></label>
    <input type="text" name="email" placeholder="Enter Email" required>

    <label><b>Phone:</b>
  </label>
  <input type="text" name="phone" placeholder="Enter phone no." size="10"/ required>

  <button type="submit" class="registerbtn">Submit</button>
</form>
```

```
</body>
</html>
```

Style.css:

```
body{
  font-family: Calibri, Helvetica, sans-serif;
  background-color: pink;
}
.container {
  padding: 50px;
  background-color: lightblue;
}

input[type=text], input[type=password], textarea {
  width: 100%;
  padding: 15px;
  margin: 5px 0 22px 0;
  display: inline-block;
  border: none;
  background: #f1f1f1;
}
input[type=text]:focus, input[type=password]:focus {
  background-color: orange;
  outline: none;
}
div {
  padding: 10px 0;
}
hr {
  border: 1px solid #f1f1f1;
  margin-bottom: 25px;
}
.registerbtn {
  background-color: #4CAF50;
  color: white;
  padding: 16px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
  width: 100%;
  opacity: 0.9;
}
.registerbtn:hover {
  opacity: 1;
}
```

app.py:

```
from tkinter.tix import

    Form

from flask import
```

```
Flask ,render_templat  
e,url_for,redirect,requ  
est
```

```
app = Flask(__name__)
```

```
@app.route('/')  
def index():
```

```
    return  
    render_template("ind  
ex.html")
```

```
@app.route('/success/<n  
ame>/<phone>/<emai  
l>')
```

```
def
```

```
    success(name=None,p  
hone=None,email=No  
ne):  
    return "
```

```
<h1>Registered
```

```
Successfully</h1><h2>
```

```
Your Details Are:-
```

```
</h2> {} <br>{} <br> {}
```

```
".format(name ,
```

```
phone ,email)
```

```
# '{} {}
```

```
{'}.format(firstname,
```

```
lastname, cellphone)
```

```
@app.route("/login",met
```

```
hods=['POST','GET'])
```

```

def login():
    if request.method ==
    'POST':

        user =
request.form['name']
        email =
request.form['email']
        phone =
request.form['phone']
        return
redirect(url_for("succe
ss", name =
user ,phone =
phone ,email = email ))
        # name =
user ,phone =
phone ,email = email
    else:
        user =
request.args.get("inpu
t_name")
        return
redirect(url_for("succe
ss",name=user))

if __name__ ==
'__main__':
    app.run(debug=True)

```

Output Page:

Index Page:

The screenshot shows a web browser window with a registration form. The browser's address bar displays "127.0.0.1:5000". The form is titled "Registration Form" and is set against a light blue background. It contains three input fields: "Name:" with the value "subalakshmi", "Email:" with the value "suba11@gmail.com", and "Phone:" with the value "8877645999". Below these fields is a green "Submit" button. The browser's taskbar at the bottom shows the Windows logo, search icon, and various application icons, along with a system tray displaying "26°C Mostly cloudy" and the date "04-11-2022".

Registration Form

Name:
subalakshmi

Email:
suba11@gmail.com

Phone:
8877645999

Submit

Login Successful Page:

The screenshot shows a web browser window displaying a successful login message. The browser's address bar shows a URL: "127.0.0.1:5000/success/subalakshmi%208877645999/suba11%40gmail.com". The main content area of the browser shows the text "Registered Successfully" and "Your Details Are:-" followed by the user's details: "subalakshmi", "8877645999", and "suba11@gmail.com". The browser's taskbar at the bottom shows the Windows logo, search icon, and various application icons, along with a system tray displaying "26°C Mostly cloudy" and the date "04-11-2022".

127.0.0.1:5000/success/subalakshmi%208877645999/suba11%40gmail.com

Registered Successfully

Your Details Are:-

subalakshmi
8877645999
suba11@gmail.com