

## Assignment-1

Assignment Date	19 September 2022
Student Name	Mayuri sri H
Student Roll Number	511319205014
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':

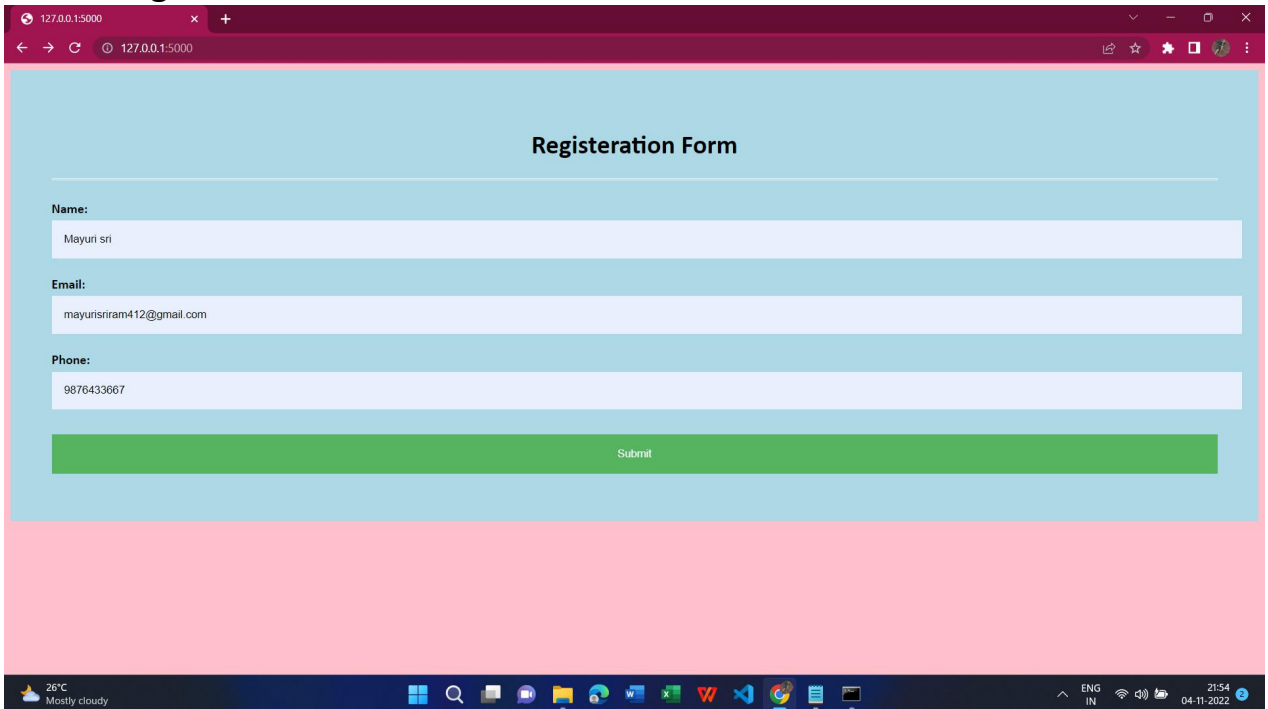
        user =
request.form['name']
        email =
request.form['email']
        phone =
request.form['phone']
        return
redirect(url_for("succe
ss", name =
user ,phone =
phone ,email = email ))
        # name =
user ,phone =
phone ,email = email
    else:
        user =
request.args.get("inpu
t_name")
        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 single tab titled "127.0.0.1:5000". The address bar shows the URL "127.0.0.1:5000". The page content is a registration form titled "Registration Form" in a light blue box. The form has three input fields: "Name:" with the value "Mayuri sri", "Email:" with the value "mayurisriram412@gmail.com", and "Phone:" with the value "9876433667". 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. The system tray on the right shows the date and time as "04-11-2022 21:54".

Registration Form

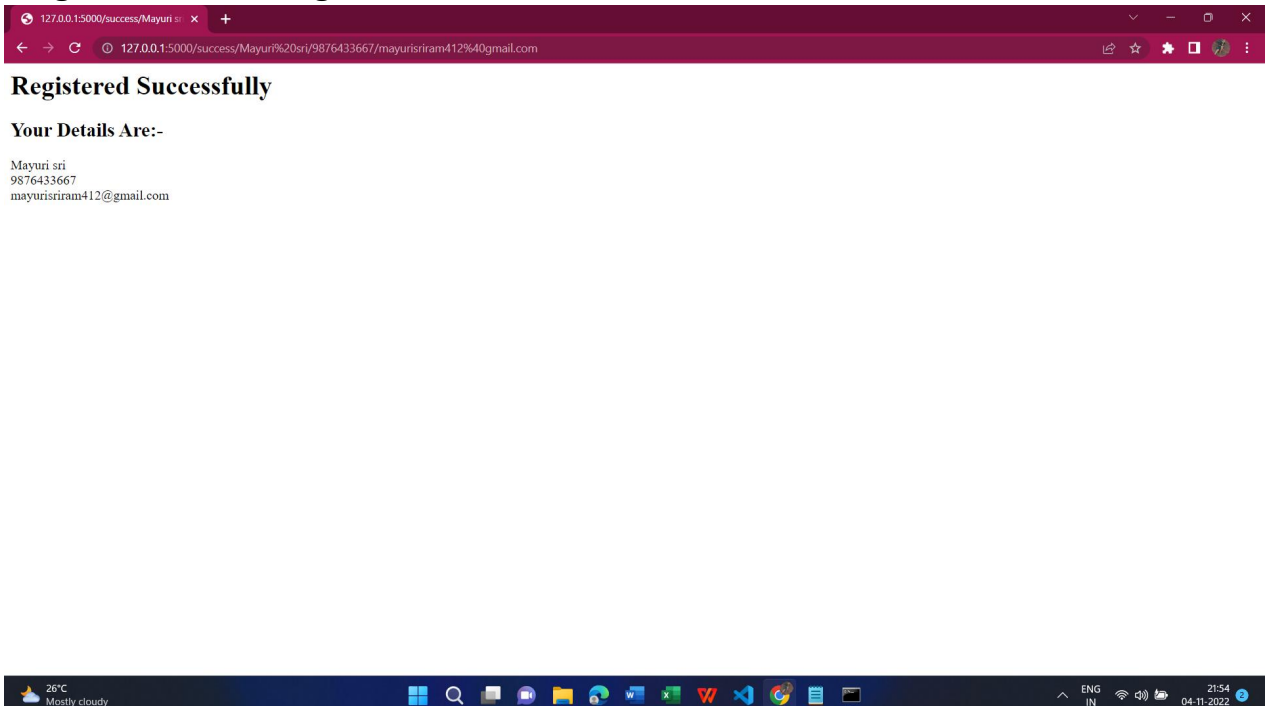
Name:  
Mayuri sri

Email:  
mayurisriram412@gmail.com

Phone:  
9876433667

Submit

## Login Successful Page:



The screenshot shows a web browser window with a single tab titled "127.0.0.1:5000/success/Mayuri sri". The address bar shows the URL "127.0.0.1:5000/success/Mayuri%20sri/9876433667/mayurisriram412%40gmail.com". The page content is a successful login message titled "Registered Successfully" in a light blue box. Below the title is the text "Your Details Are:-" followed by the user's details: "Mayuri sri", "9876433667", and "mayurisriram412@gmail.com". The browser's taskbar at the bottom shows the Windows logo, search icon, and various application icons. The system tray on the right shows the date and time as "04-11-2022 21:54".

Registered Successfully

Your Details Are:-

Mayuri sri  
9876433667  
mayurisriram412@gmail.com