

Assignment-1

Assignment Date	19 September 2022
Student Name	Sneha latha p
Student Roll Number	511319205029
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':

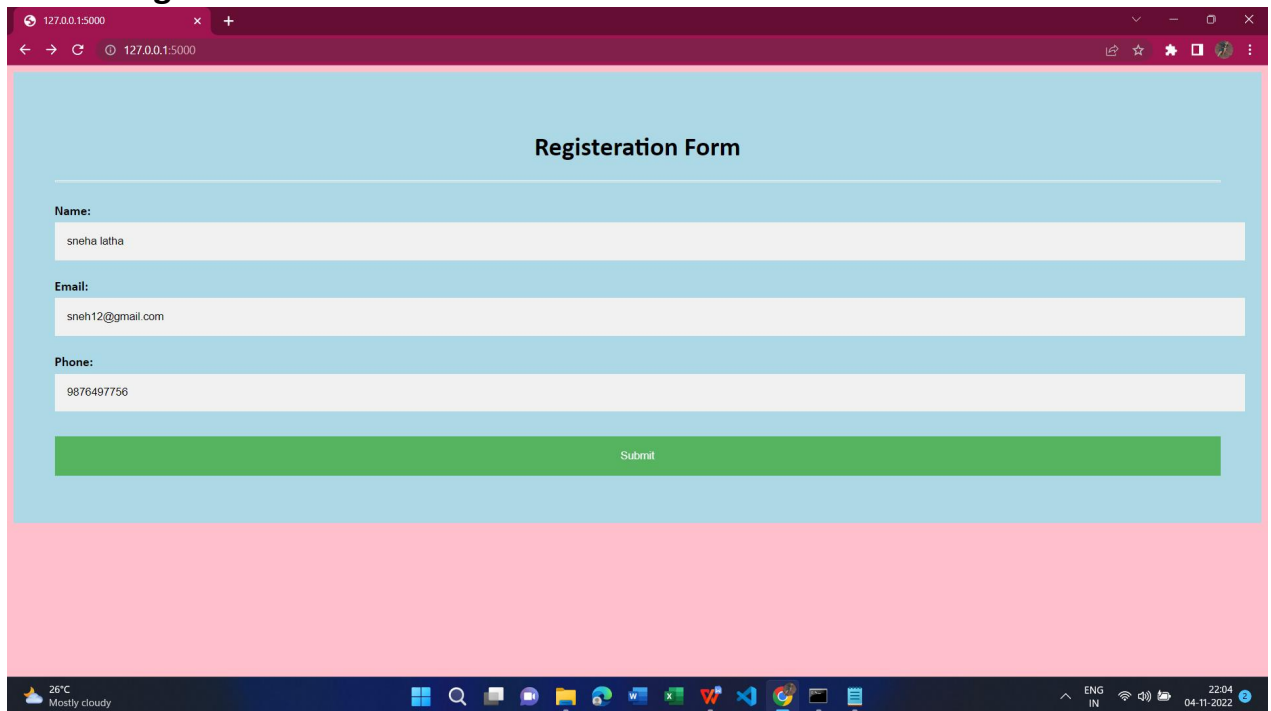
        user =
        request.form['name']
        email =
        request.form['email']
        phone =
        request.form['phone']
        return
        redirect(url_for("succe
ss", name =
user ,phone =
phone ,email = email ))
        # name =
        user ,phone =
        phone ,email = email
    else:
        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 "sneha latha", "Email:" with the value "sneh12@gmail.com", and "Phone:" with the value "9876497756". 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 "22:04 04-11-2022" and the language as "ENG IN".

Registration Form

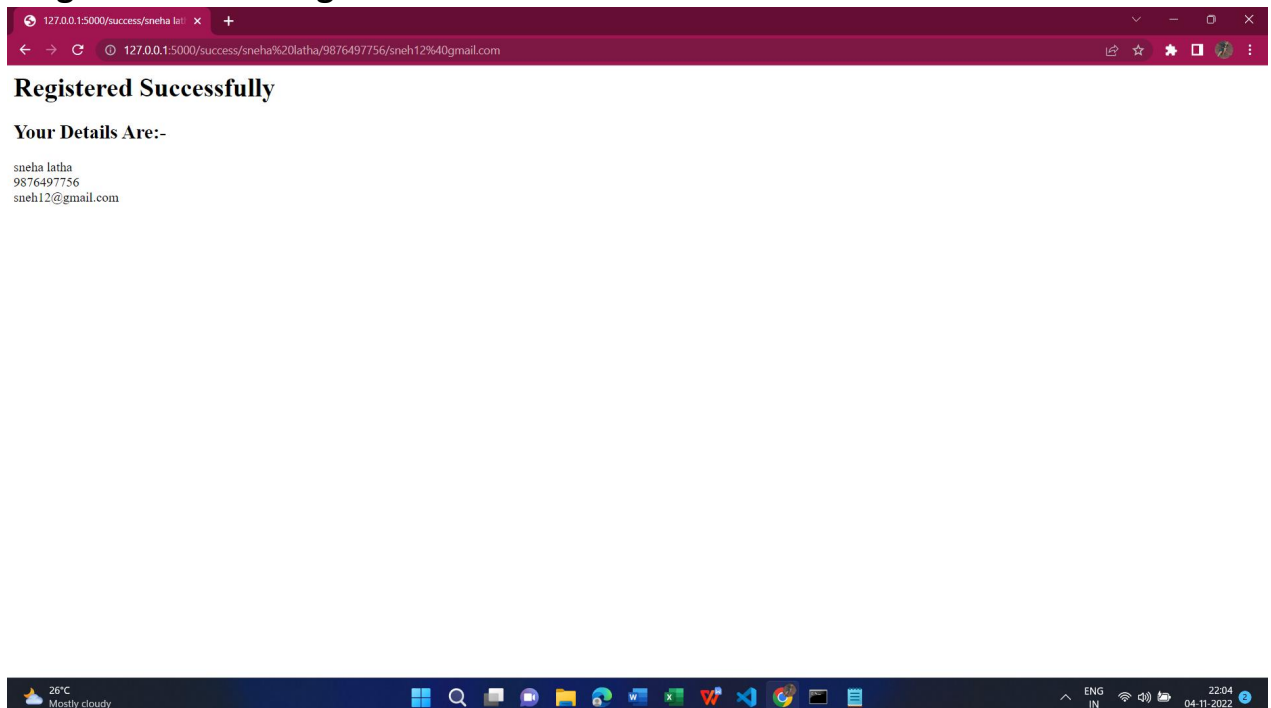
Name:
sneha latha

Email:
sneh12@gmail.com

Phone:
9876497756

Submit

Login Successful Page:



The screenshot shows a web browser window with a single tab titled "127.0.0.1:5000/success/sneha latha". The address bar shows the URL "127.0.0.1:5000/success/sneha%20latha/9876497756/sneh12%40gmail.com". The page content is a confirmation message "Registered Successfully" in a light blue box. Below this is a section titled "Your Details Are:-" which lists the user's details: "sneha latha", "9876497756", and "sneh12@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 "22:04 04-11-2022" and the language as "ENG IN".

Registered Successfully

Your Details Are:-

sneha latha
9876497756
sneh12@gmail.com