

Assignment -2

Assignment Date	24 September 2022
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Student Roll Number	952819104023
Maximum Marks	2 Marks
Team ID	PNT2022TMID50561

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

PROGRAM:

login.html:

```
<html>
<head>
<title>Flask</title>
</head>
<body>
  <form action = "/login" method = "post">
    <p> Enter name:</p>
    <p><input type = "text" name = "user" /></p>
    <p> Enter email:</p>
    <p><input type = "text" name= "email" /></p>
    <p> Enter mobile number:</p>
    <p><input type = "number" name= "number" /></p>
    <p><input type = "submit" value = "submit" /></p>
  </form>
  <b>{{y}}</b>
</body>
</html>
```

login.py

```
from flask import Flask, render_template, redirect, request
app = Flask(__name__)
```

```
@app.route('/') def home(): return 'welcome <a
href="/login">click here</a>'
```

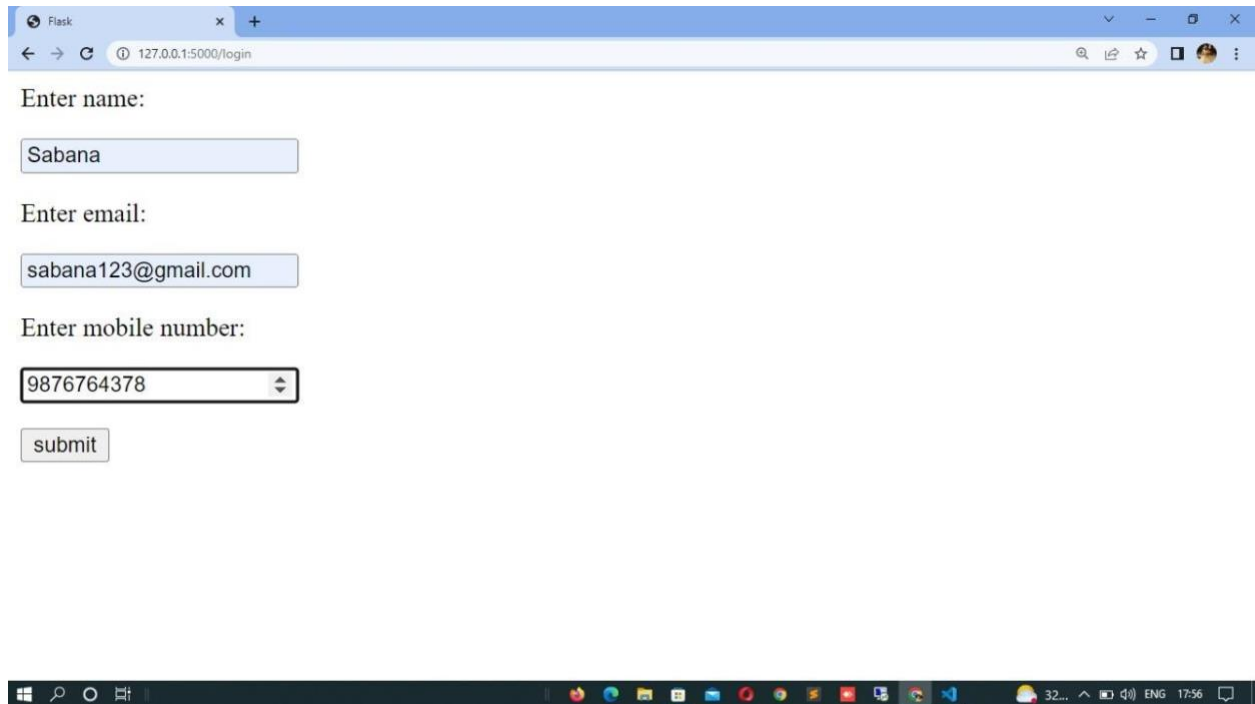
```
@app.route('/login', methods = ['POST', 'GET'])
def login():
    if request.method == 'POST': user
    = request.form['user'] mail =
```

```
request.form['email'] number =  
request.form['number'] return  
redirect('/')  
return render_template("login.html")
```

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

OUTPUT:





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

PROGRAM:

```
import camelcase from jinja2
import Template import requests
from flask import Flask from
datetime import * from
dateutil.relativedelta import *
import numpy as np
```

```
#camelcase c =
camelcase.CamelCase() txt = "hi
buddy , wanna hangout?" print("
CAMELCASE      ")
print(c.hump(txt)) print("\n")
```

```
#numpy
arr1 = np.array([1, 2, 3, 4, 5])
arr2 = np.array([2, 4, 5, 6, 7])
print("      NUMPY      ")
print(arr1+ arr2) print(type(arr2))
print("\n")
```

```
#dateutil print("
DATEUTIL    ") now =
datetime.now() print(now)
print("\n")
```

```
#jinja2 template = """hostname {{
hostname }}""" data = {"hostname":
"core-sw-waw-01"} j2_template =
Template(template)
print("    JINJA2    ")
print(j2_template.render(data))
print("\n")
```

```
#requests r =
requests.get('https://www.netflix.com/in/')
r.status_code print("    REQUESTS    ")
print(r.headers) print("\n")
```

OUTPUT:

