

Assignment -2

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|---------------------|----------------------|
| Assignment date | 24 September 2022 |
| Student Name | Gatharine Kerenhap E |
| Student Roll Number | 950019104013 |
| Maximum Marks | 2 Marks |
| Team ID | PNT2022TMID49592 |

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:

Flask

File | D:/gatharine/ibm%20folder%201/login.html

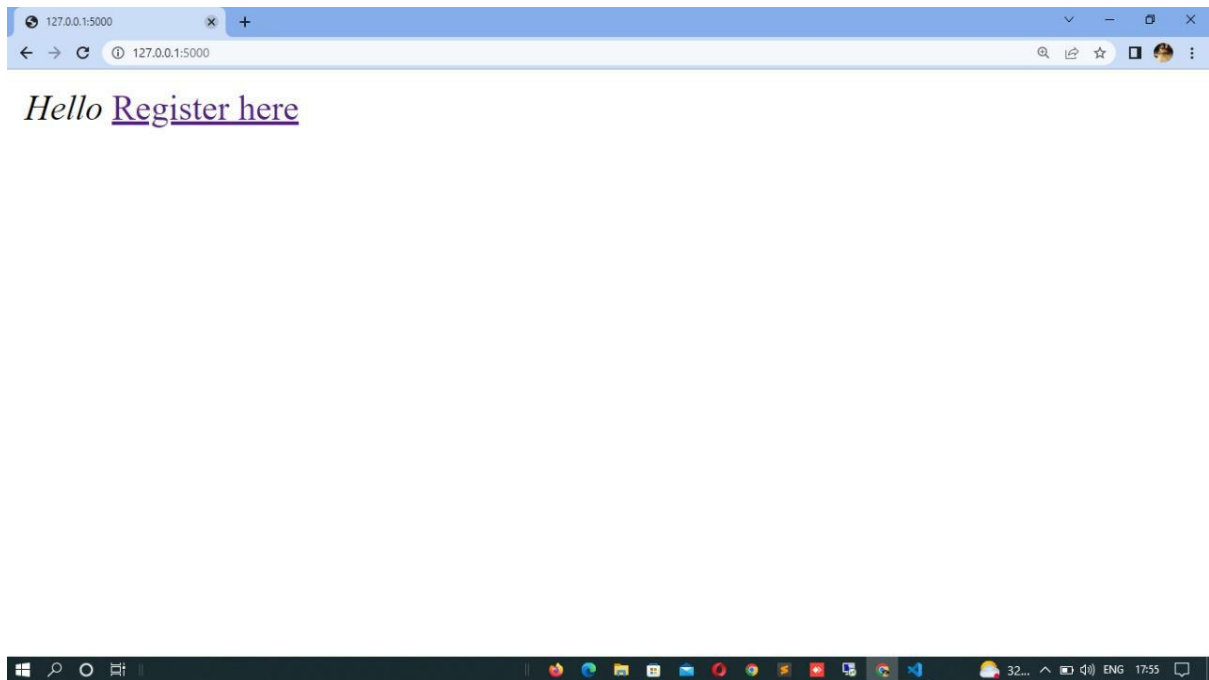
Enter name:

Enter email:

Enter mobile number:

{{y}}

27°C Mostly cloudy 22:11 25-09-2022



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")

#datetutil

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:

