

ASSIGNMENT 2

ASSIGNMENT DATE	24.09.2022
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STUDENT ROLLNUMBER	950019104032
MAXIMUM MARKS	2 MARKS
TEAM ID	PNT2022TMID49592

1.HTML REGISTRATION FORM:

PROGRAM :

```
from flask import Flask, render_template, redirect, request

app = Flask(__name__)

@app.route('/')

def home():

    return '<table width = "100%" height="80" bgcolor = "lightskyblue"><tr><td align="center">
HOME PAGE</td> </tr></table> <center> <a href="/login">CLICK TO REGISTER </a></center>'

@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)
```

PROGRAM:

<html>

<head>

```

<title>Flask</title>

</head>

<body>

    <table width = "100%" height="80" fontstyle="italic" bgcolor = "lightskyblue">

        <tr><td align="center"> REGISTRATION PAGE</td> </tr></table>

<form action = "/login" method = "post">

    <center><p> Enter NAME:</p>

    <p><input type = "text" name = "user" /></p>

    <p> Enter EMAIL ID:</p>

    <p><input type = "text" name= "email" /></p>

    <p> Enter MOBILE NO:</p>

    <p><input type = "number" name= "number" /></p>

    <p><input type = "submit" value = "submit" /></p>

    </center>

</form>

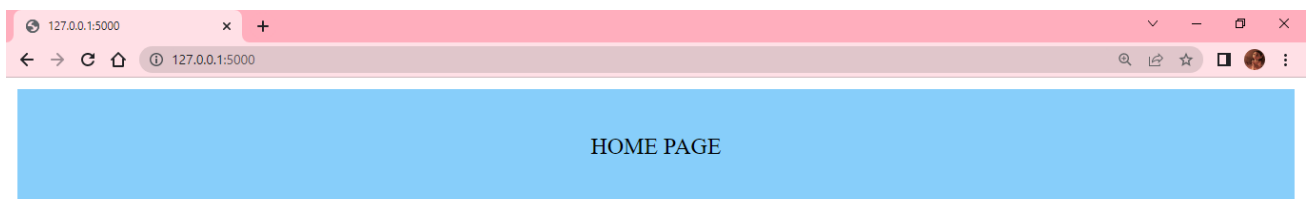
<b>{{y}}</b>

</body>

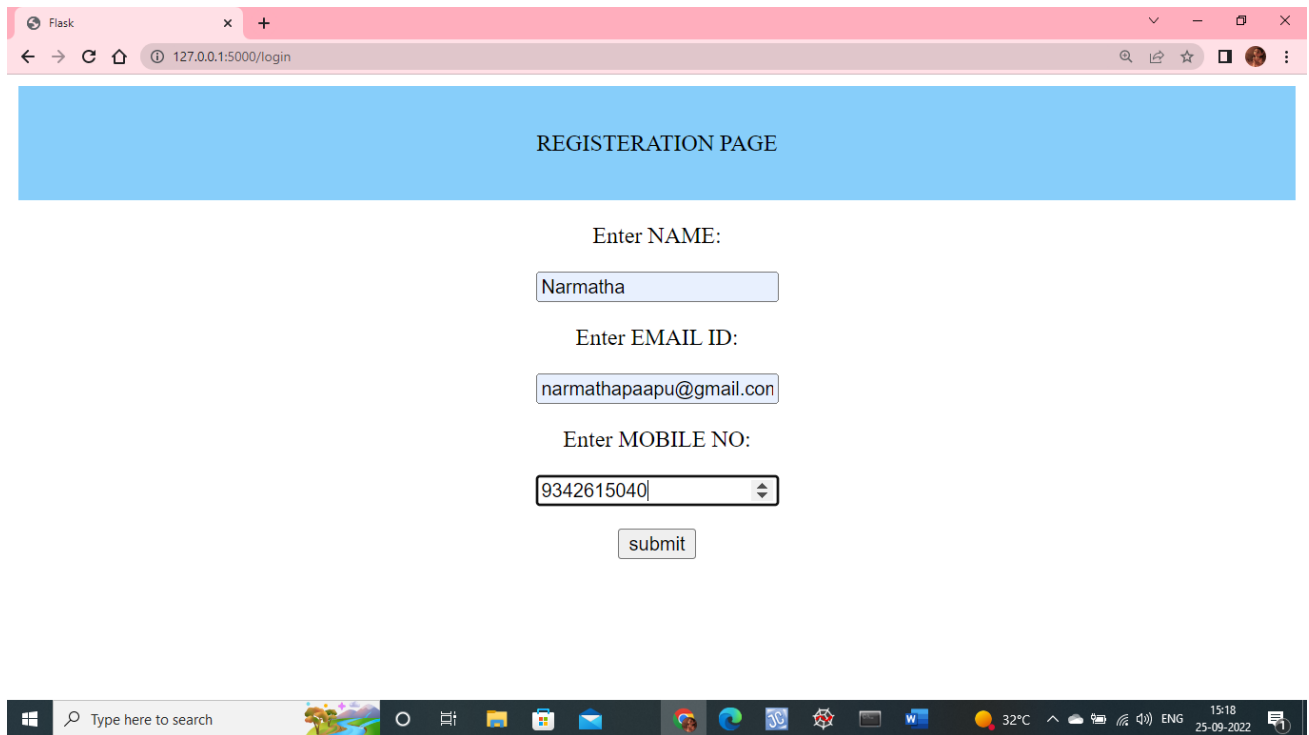
</html>

```

OUTPUT:



[CLICK TO REGISTER](#)



2.DEVELOP FLASK PROGRAM CONTAINS 5 PACKAGE FROM pypi.org.

PROGRAM:

```
import colorama
from colorama import Fore, Back, Style
from jinja2 import Template
import click
from flask import Flask
from datetime import *
from dateutil.relativedelta import *
import idna.codec
print(" IDNA")
print('ßßß'.encode('idna'))
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")
```

```
#colorama
```

```
print(" COLORAMA")
```

```
colorama.init(autoreset=True)
```

```
print(Back.WHITE + Fore.BLUE + "NARMATHA")
```

```
print()
```

```
print(Back.GREEN + "MY LOVE")
```

```
print("\n")
```

```
#click
```

```
print(" CLICK")
```

```
@click.command()
```

```
@click.option('--count', default=3, help='Number of greetings.')
```

```
@click.option('--name', prompt='Your name',
```

```
                help='The person to greet.')
```

```
def hello(count, name):
```

```
    """Simple program that greets NAME for a total of COUNT times."""
```

```
    for x in range(count):
```

```
        click.echo(f"Hello {name}!")
```

```
if __name__ == '__main__':
```

```
    hello()
```

OUTPUT:

```
Anaconda Prompt (Anaconda3)
(base) C:\pro>python package.py
IDNA
0'ssssss'

DATEUTIL
2022-09-25 14:59:41.043091

JINJA2
hostname core-sw-waw-01

COLORAMA
NARMATHA
MY LOVE

CLICK
Your name: NARMATHA
Hello NARMATHA!
Hello NARMATHA!
Hello NARMATHA!

(base) C:\pro>
```