

ASSIGNMENT -2

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

App.py

```
from flask import Flask, render_template,request

app = Flask(__name__)

@app.route('/')
def home():

    return render_template('register.html')

@app.route('/confirm', methods = ['POST', 'GET'])

def login():

    if request.method== 'POST':

        u = request.form.get('user')

        em = request.form.get('email')

        n = request.form.get('no')

        return render_template("regsuc.html",name=u,email=em,no=n)

if __name__ == '__main__':

    app.run(debug=True)
```

register.html

```
<html>  
  
<head>  
    <title>Registration</title>  
</head>  
  
<body>  
  
<center>  
  
<fieldset style="width:500px; height:300px; aglin:center;">  
  
<legend>Register</legend>  
  
<form action="/confirm" method="post">  
  
    <br><br>  
  
    <label>User Name</lable>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~  
    <input type="text" name="user" >  
  
    <br><br><br>  
  
    <label>Email</lable>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~  
    ~&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~  
    <input type="email" name="email" >  
  
    <br><br><br>  
  
    <label>Phone Number</lable>  
  
    <input type="text" name="no" >  
  
    <br><br><br>  
  
    <p><center><input type="Submit" value="REGISTER"/></center></p>  
</form>  
</fieldset>  
</center>  
</body>  
</html>
```

Regsuc.html

```
<html>

<head>

  <title>Register success</title>

</head>

<body>

<center>

<h1>Registration success</h1>

<table border=1 style="width:500px; height:100px;">

<tr>

  <td>User Name</td>

  <td>{ { name} }</td>

</tr>

<tr>

  <td>email</td>

  <td>{ { email} }</td>

</tr>

<tr>

  <td>Phone Number</td>

  <td>{ { no} }</td>

</tr>

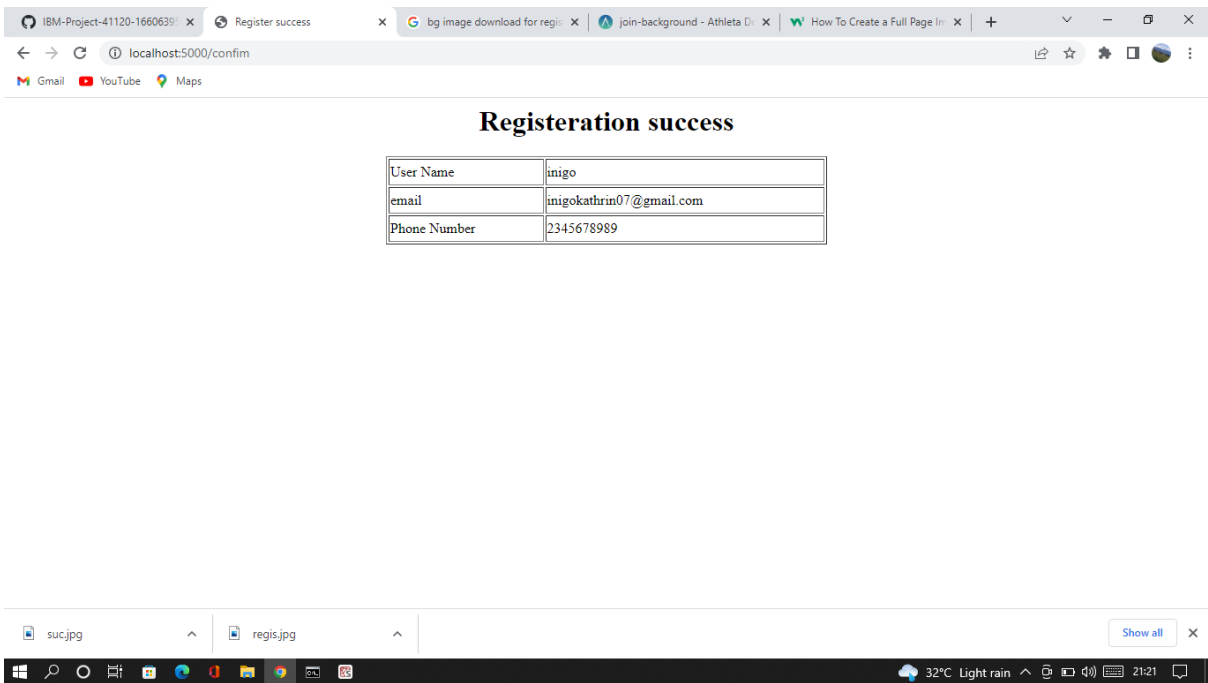
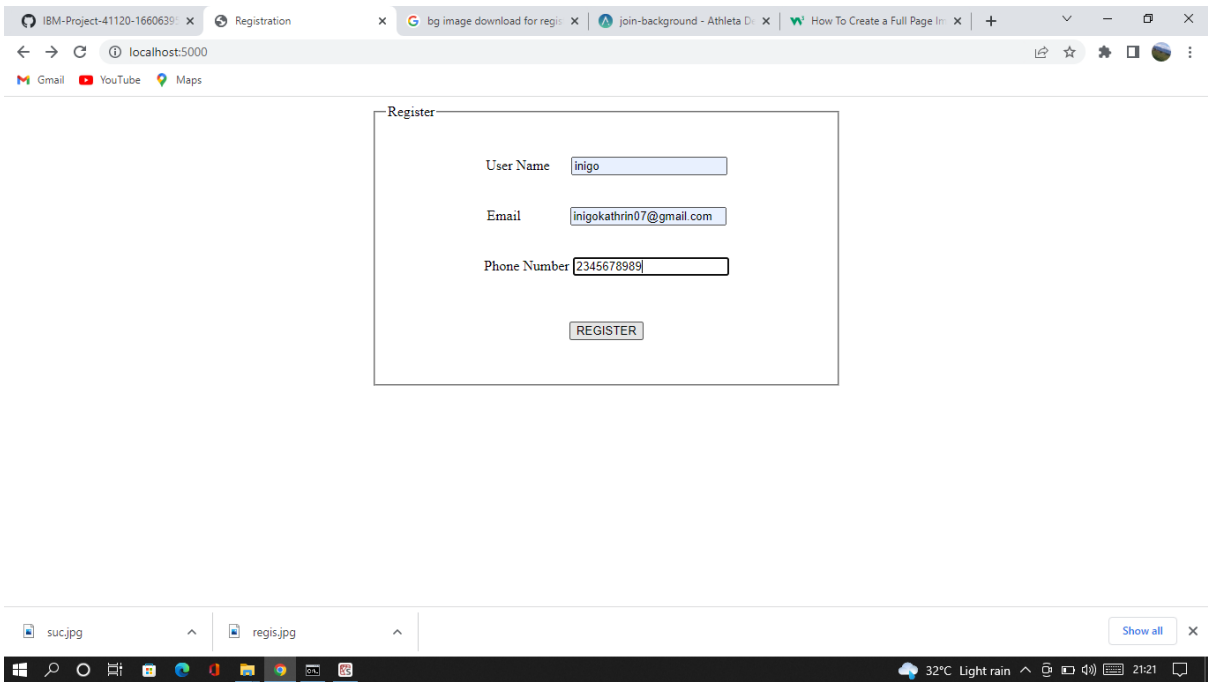
</center>

</table>

</body>

</html>
```

Output:



2. Develop a flask program which should contain atleast 5 package used from pypi.org.

Pypi.py

```
import camelcase  
  
from jinja2 import Template  
  
import requests  
  
from flask import Flask  
  
import datetime  
  
import numpy as np
```

#numpy

```
arr = np.array([1, 2, 3, 4, 5])  
  
print(" NUMPY ")  
  
print(arr)  
  
print(type(arr))  
  
print("\n")
```

#datetutil

```
print(" DATEUTIL ")  
  
now = datetime.date.today()  
  
print(now)  
  
print("\n")
```

#requests

```
r = requests.get('https://api.spotify.com/')  
  
r.status_code  
  
print(" REQUESTS ")  
  
print(r.headers)  
  
print("\n")
```

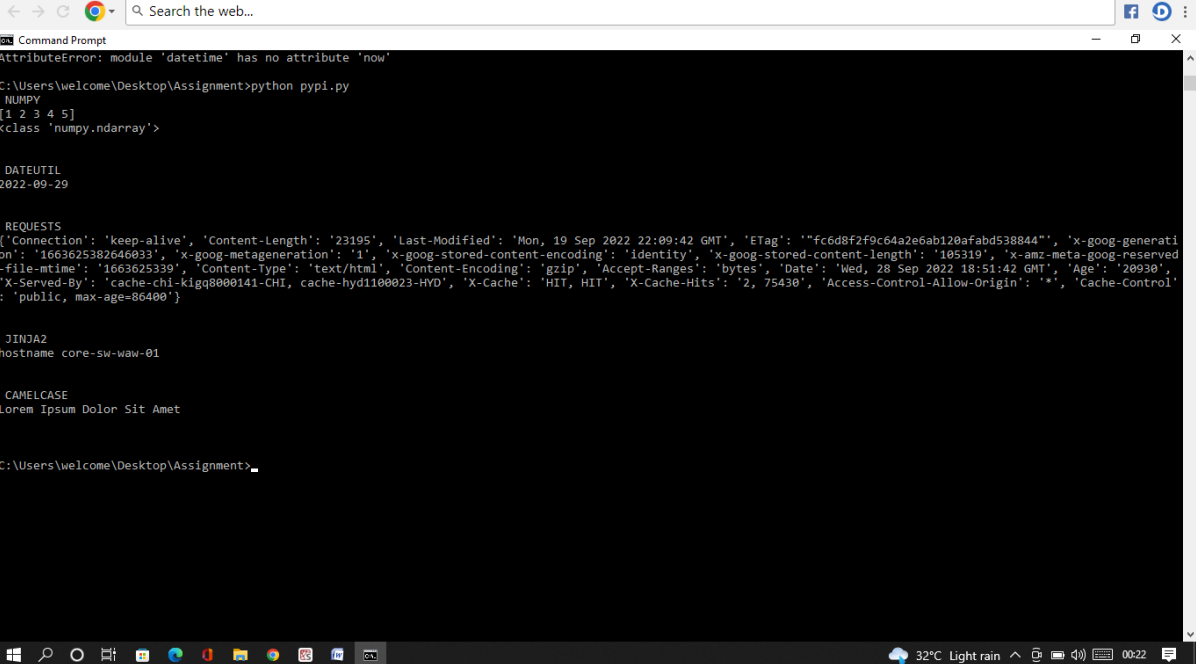
#jinja2

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

#camelcase

```
c = camelcase.CamelCase()  
  
txt = "lorem ipsum dolor sit amet"  
  
print(" CAMELCASE ")  
  
print(c.hump(txt))  
  
print("\n")
```

Output:



```
Command Prompt
AttributeError: module 'datetime' has no attribute 'now'

C:\Users\welcome\Desktop\Assignment>python pypl.py
NUMPY
[1 2 3 4 5]
<class 'numpy.ndarray'>

DATEUTIL
2022-09-29

REQUESTS
{'Connection': 'keep-alive', 'Content-Length': '23195', 'Last-Modified': 'Mon, 19 Sep 2022 22:09:42 GMT', 'ETag': '"fc6d8f2f9c64a2e6ab120afabd538844"', 'x-goog-generation': '1663625382646033', 'x-goog-metageneration': '1', 'x-goog-stored-content-encoding': 'identity', 'x-goog-stored-content-length': '105319', 'x-amz-meta-goog-reserved-file-mtime': '1663625339', 'Content-Type': 'text/html', 'Content-Encoding': 'gzip', 'Accept-Ranges': 'bytes', 'Date': 'Wed, 28 Sep 2022 18:51:42 GMT', 'Age': '20930', 'X-Served-By': 'cache-chi-kigq8000141-CHI, cache-hyd1100023-HVD', 'X-Cache': 'HIT, HIT', 'X-Cache-Hits': '2, 75430', 'Access-Control-Allow-Origin': '*', 'Cache-Control': 'public, max-age=86400'}

JINJAJ2
hostname core-sw-waw-01

CAMELCASE
Lorem Ipsum Dolor Sit Amet

C:\Users\welcome\Desktop\Assignment>
```