

ASSIGNMENT – 1

Assignment Date	19 September 2022
Student Name	SRIRAM M
Student Roll Number	820419104302
Maximum Marks	2 Marks

Assignments :

1. Create a registration page in HTML with username, email and phone number and by using POST method displayed in next html page

Solution:

First.py

```
from flask import Flask, render_template,
request app = Flask(_name_)
@app.route('/')
def
student():
    return render_template('index.html')

@app.route('/result',methods = ['POST', 'GET'])
def result():
    if request.method == 'POST':
        result = request.form
        return render_template("index1.html",result = result)

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

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>

    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
```

```
<form action = "http://localhost:5000/result" method = "POST">
  <p>Username<input type = "text" name = "Username" /></p>
  <p>Email <input type = "email" name = "Email" /></p>
  <p>Phone <input type = "number" name = "Phone" /></p>
  <p><input type = "submit" value = "submit" /></p>

</form>
</body>
</html>
```

Index1.html

```
<!doctype html>
<table border = 1>
  {% for key, value in result.items() %}
    <tr>
      <th> {{ key }} </th>
      <td> {{ value }} </td>
    </tr>
  {% endfor %}
</table>
```

Output:



Document x +

File | C:/Users/user/Desktop/assignment/index.html

Username

Email

Phone



Document x index1.html x +

File | C:/Users/user/Desktop/assignment/index1.html

Username	vijithra
Email	vijithrap@gmail.com
Phone	8675463234

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

Solution:

First.py

```
from flask import Flask, render_template,
request from datetime import *
import requests
from dateutil.relativedelta import *
import numpy as np
import random
import
Wikipedia
app = Flask(_
name_)
@app.route('/')
def student():
    b = np.array([[1, 2],[3,
4]]) val = b.size
    r =
requests.get('https://api.spotify.com/') a
    = r.status_code
    date = datetime.now()
    words = ['tree','sun','ball','moon','earth','grass','world']
    word = random.choice(words)

    result =
wikipedia.page("ID") res =
result.summary

    return f'Date is {date}<br>Status Code:{a}<br>Array is {b}<br>Array Size:
{val}<br>Random word:{word}<br>IBM summary<br>{res}'

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

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Output:

