Assignment -1
Python Programming

Assignment Date	19 September 2022
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Student Roll Number	960519104071
Maximum Marks	2 Marks

Question-1:

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

Question-2:

2. Develop a flask program which should contain at least 5 packages used from pypi.org
Note:- Following application contains (Flask , render_template ,url_for, redirect, request)

So both Questions have same Answers

Source Code:

App.py

```python
from tkinter.tix import Form
from flask import Flask,render_template,url_for,redirect,request

app = Flask(__name__)


@app.route('/')
def index():
  return render_template("index.html")
@app.route('/success/<name>/<phone>/<email>')
def success(name=None,phone=None,email=None):
  return "<h1>Registered Successfully</h1><h2>Your Details Are:-</h2> {}<br>{}<br>{}".format(name, phone,email)
  # '{} {} {}'.format(firstname, lastname, cellphone)
@app.route("/login",methods=['POST','GET'])
def login():
  if request.method == 'POST':

    user = request.form['name']
    email = request.form['email']
```

```python
        phone = request.form['phone']
        return redirect(url_for("success", name=user, phone=phone, email=email))
    else:
        user = request.args.get("input_name")
        return redirect(url_for("success", name=user))


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

index.html

```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">
  <link rel="stylesheet" href="/static/style.css">
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
integrity="sha384-gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNl/vI1Bx"crossorigin="anonymous">
  <title>Registration page</title>
</head>

<body>

  <form method="post" action="login">
    <h1>REGISTRATION PAGE</h1>
    <div class="mb-3">
      <label for="name" class="form-label">Enter the name</label>
      <input type="text" class="form-control" id="name" name="name" placeholder="NAME">
    </div>

    <div class="mb-3">
      <label for="exampleInputEmail1" class="form-label">Email address</label>
      <input type="email" class="form-control" name="email" id="exampleInputEmail1"
placeholder="EMAIL">
    </div>

    <div class="mb-3">
      <label for="phone" class="form-label">Enter the phone number</label>
      <input type="text" class="form-control" name="phone" id="phone" placeholder="PHONE
NUMEBER">
    </div>
    <button type="submit" class="btn btn-primary">Submit</button>
```
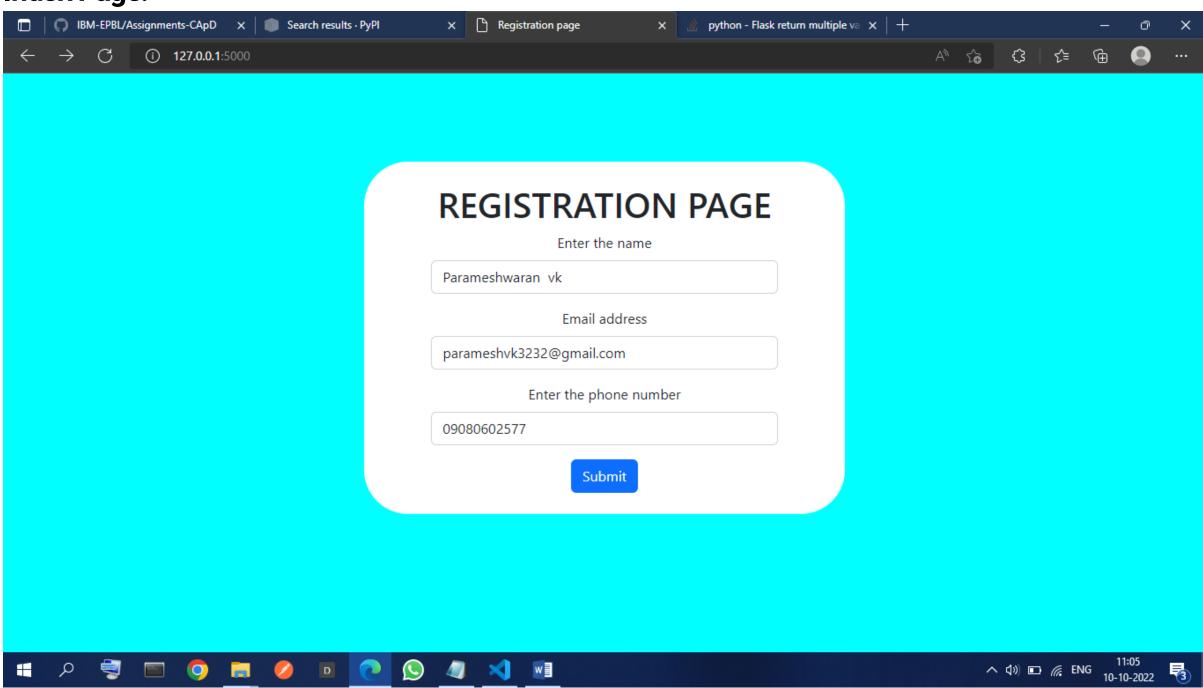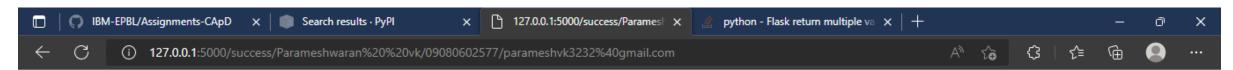
```html
    </form>

</body>

</html>
```

Style.css
```css
body{
  background-color: aqua !important;
  display: flex;
  flex-direction: column;
  align-items: center;
  justify-content: center;
}
form{
  display: flex;
  flex-direction: column;
  align-items: center;
  justify-content: center;
  background-color:#fff;
  width: 40%;
  height: 400px;
  border-radius: 50px;
  margin: 100px;

}
h2{
  font-size: large;
  font-weight:bolder;
}

input{
  width: 80%!important;
}

div{
  display: flex;
  align-items: center;
  justify-content: center;
  flex-direction: column;
  width: 90%;
}
```

Output:-

Index Page:-

Login successful page

Registered Successfully

Your Details Are:-

Parameshwaran vk
09080602577
parameshvk3232@gmail.com

11:05
10-10-2022