

Assignment -1
Python Programming

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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

```
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>{}<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']
        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:

```
<head>

  <metacharset="UTF-8">

  <metahttp-equiv="X-UA-Compatible" content="IE=edge">

  <metaname="viewport" content="width=device-width, initial-scale=1.0">

  <linkrel="stylesheet"href="/static/style.css">

  <linkrel="stylesheet"href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
  integrity="sha384-gH2ylJqKdNHPEqOn4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNI/v I 1Bx"crossorigin="
  anonymous">

  <title>Registration page </title>

</head>


<body>


  <formmethod="post"action="login">
    <h1>REGISTRATION PAGE</h1>
    <divclass="mb-3">
      <labelfor="name"class="form-label">Enter the name</label>
      <inputtype="text"class="form-control"id="name"name="name"placeholder="NAME">
    </div>


    <divclass="mb-3">
      <labelfor="exampleInputEmail1"class="form-label">Email address</label>
      <inputtype="email"class="form
control"name="email"id="exampleInputEmail1"placeholder="EMAIL">
    </div>


    <divclass="mb-3">
      <labelfor="phone"class="form-label">Enter the phone number</label>

      <inputtype="text"class="form
control"name="phone"id="phone"placeholder="PHONE NUmEBER">
    </div>

    <buttontype="submit"class="btnbtn-primary">
Submit
</button>

  </form>
```

Style.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

