

Assignment -1
Python Programming

Assignment Date	9 November 2022
Student Name	NIVETHA M
Student Roll Number	821019104028
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>{ }".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

```

<!DOCTYPEhtml>
<htmllang="en">

<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.jsdelivrivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
    integrity="sha384gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNl/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>

```

```
<input type="text" class="form
control" name="phone" id="phone" placeholder="PHONE NUMEBER">
</div>
<button type="submit" class="btn btn-primary">Submit</button>
```

```
</form>
```

```
</body>
```

```
</html>
```

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:-

Registration page

127.0.0.1:5000

REGISTRATION PAGE

Enter the name

Deepathi S

Email address

dayanith060@gmail.com

Enter the phone number

6379626885

Submit

Login successful page

