

Assignment -1

Python Programming

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, request, render_template, url_for, redirect
app = Flask(__name__) @app.route('/success/<name>') def
success(name):
    return 'welcome %s' %name
@app.route('/login', methods =['GET', 'POST'])
def login():    if request.method=="POST":
    first_name = request.form.get("username")
    email_id = request.form.get("email")    phone_num
= request.form.get("number")
    return "Your name is" +first_name + "Your email is" +email_id + "Your Phone number is"
+phone_num
    return redirect(url_for('success',name = first_name))

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>Register</title>
    <link
    href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet"
```

```

        integrity="sha384-iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
crossorigin="anonymous"
    />
</head>
<body class="px-4 py-3">
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <a class="navbar-brand" href="#">Flask</a>
        <button
            class="navbar-toggler"
type="button"    data-
toggle="collapse"
        data-target="#navbarNavAltMarkup"    aria-
controls="navbarNavAltMarkup"
        aria-expanded="false"    aria-
label="Toggle navigation"
        >
            <span class="navbar-toggler-icon"></span>
        </button>
    </nav>
    <h3>Register</h3>
    <form action="http://localhost:5000/login" method="POST">
    <div class="form-group">
        <label for="exampleInputUserName">UserName</label>
        <input
            type="text"
class="form-control"
id="exampleInputUserName"
placeholder="UserName"
name="username"
        />
    </div>
    <div class="form-group">
        <label for="exampleInputEmail1">Email address</label>
        <input
type="email"
class="form-control"
id="exampleInputEmail1"
        aria-
describedby="emailHelp"
        "
placeholder="Enter
email"
name="email"
        />
    </div>
    <div class="form-group">
        <label for="exampleInputPassword1">Password</label>

```

```

        <input      type="password"
class="form-control"
id="exampleInputPassword1"
placeholder="Password"
name="password"
    />
    </div>
    <div class="form-group">
        <label for="exampleInputPhoneNumber">Phone Number</label>
        <input      type="number"
class="form-control"
id="exampleInputPhoneNumber"
placeholder="Phone Number"
name="number"
    />
    </div>

    <div class="form-check">
        <input type="checkbox" class="form-check-input" id="exampleCheck1" />
        <label class="form-check-label" for="exampleCheck1">Check me out</label>
    </div>
    <button type="submit" class="btn btn-primary">Submit</button>
</form>
</body>
</html>

```

Output:-

Index Page:-

Flask

Register

UserName

abcd

Email address

abc@gmail.com

Password

Phone Number

1234567890

☒ Check me out

Submit

Login successful page

