

Assignment -1
Python Programming

Assignment Date	21 September 2022
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Student Roll Number	MECR19EC045
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

```
fromtkinter.tiximport Form
from flask importFlask ,render_template,url_for,redirect,request

app =Flask(__name__)

@app.route('/')
defindex():
    returnrender_template("index.html")
@app.route('/success/<name>/<phone>/<email>')
defsuccess(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'])
deflogin():
    ifrequest.method=='POST':

        user =request.form['name']
        email =request.form['email']
        phone =request.form['phone']
        returnredirect(url_for("success",name= user ,phone= phone ,email=
email ))
```

```

    else:
        user =request.args.get("input_name")
        returnredirect(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/c
ss/bootstrap.min.css"
        integrity="sha384-
gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNl/vI1Bx"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>

</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

Enter the name

Dayanithi S

Email address

dayanithi360@gmail.com

Enter the phone number

6379926885

Submit

Login successful page

Registered Successfully

Your Details Are:-

Dayanithi S

6379926885

dayanithi360@gmail.com

