

## Assignment -1

### Python Programming

Assignment Date	19 SEPTEMBER 2022
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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

```
app.py - SRC - Visual Studio Code [Administrator]
app.py
1 from tkinter.tix import Form
2 from flask import Flask, render_template, url_for, redirect, request
3
4 app = Flask(__name__)
5
6
7 @app.route("/")
8 def index():
9     return render_template("index.html")
10
11 @app.route("/success/<name>/<phone>/<email>")
12 def success(name=None, phone=None, email=None):
13     return '<body style=" background-color: white; display: flex; flex-direction: column; align-items: center; justify-content: center; >form style=" display: flex; flex-direction: column; align-items: center.'
14
15 @app.route("/login", methods = ['POST', 'GET'])
16 def login():
17     if request.method == 'POST':
18         user = request.form['name']
19         email = request.form['email']
20         phone = request.form['phone']
21         return redirect(url_for("success", name = user, phone = phone, email = email))
22     else:
23         user = request.args.get("input_name")
24         return redirect(url_for("success", name=user))
25
26 if __name__ == '__main__':
27     app.run(debug=True)
28
```

## index.html

```
File Edit Selection View Go Run Terminal Help index.html - SRC - Visual Studio Code [Administrator]

index.html X
templates > index.html
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta http-equiv="X-UA-Compatible" content="IE=edge">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <link rel="stylesheet" href="/static/style.css">
9   <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
10     integrity="sha384-gH2yJqKdHHPEeqhDQqg/HKIKtSkIHeL5yhaVYB8S9U5AR6csBvAp#N1/vIIBx" crossorigin="anonymous">
11   <title>Sign Up </title>
12 </head>
13
14 <body>
15
16   <form method="post" action="login">
17     <h1>Sign Up</h1>
18     <br>
19     <br>
20
21     <div class="mb-3">
22       <label for="name" class="form-label">Name</label>
23       <input type="text" class="form-control" id="name" name="name" placeholder="Enter your name here" required minlength="2">
24     </div>
25
26     <div class="mb-3">
27       <label for="exampleInputEmail1" class="form-label">Email</label>
28       <input type="email" class="form-control" name="email" id="exampleInputEmail1" placeholder="Enter your email here" required>
29     </div>
30
31     <div class="mb-3">
32       <label for="phone" class="form-label">Phone number</label>
33       <input type="text" class="form-control" name="phone" id="phone" placeholder="Enter your phone number here" required minlength="10" maxlength="10">
34     </div>
35     <br>
36     <br>
37     <button style="background-color: white; border-color: #dcdcdc; color: black;" type="submit" class="btn btn-primary">Submit</button>
38   </form>
39
40 </body>
41
42 </html>
```

## Style.css

```
File Edit Selection View Go Run Terminal Help style.css - SRC - Visual Studio Code [Administrator]

# style.css X
static > # style.css > form
1
2 body{
3   background-color: # white;
4   display: flex;
5   flex-direction: column;
6   align-items: center;
7   justify-content: center;
8 }
9 form{
10   display: flex;
11   flex-direction: column;
12   align-items: center;
13   justify-content: center;
14   width: 400px;
15   height: 500px;
16   border-radius: 20px;
17   margin: 100px;
18 }
19
20 h2{
21   font-size: large;
22   font-weight: bolder;
23 }
24
25 input{
26   width: 80% !important;
27 }
28
29 div{
30   display: flex;
31   align-items: center;
32   justify-content: center;
33   flex-direction: column;
34   width: 50%;
35 }
```

Output: -

Index Page:-

Sign Up

Name  
Surya Narayan MS

Email  
suryanarayan.1905147@srec.ac.in

Phone number  
7708433608

Submit

Login successful page:-

Sign Up Completed

Details

Name: Surya Narayan MS  
Email: suryanarayan.1905147@srec.ac.in  
Phone Number: 7708433608