

Assignment -1

Python Programming

Assignment Date	19 September 2022
Student Name	Soundar M
Student Roll Number	73151921049
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 > login
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 @app.route('/success/<name>/<phone>/<email>')
11 def success(name=None,phone=None,email=None):
12     return " <h1>Registered</h1><h2>Login details:-</h2> {} <br>{} <br> {} ".format(name , phone ,email)
13
14 @app.route("/login",methods =['POST','GET'])
15 def login():
16     if request.method == 'POST':
17
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
23     else:
24         user = request.args.get("input_name")
25         return redirect(url_for("success",name=user))
26
27
28 if __name__ == '__main__':
29     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">
  <link rel="stylesheet" href="/static/css/style.css">

  <link href="/static/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Zenh87qX5JnK2J10vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi" crossorigin="anonymous">

  <title>Registration page </title>
</head>

<body>

  <form method="post" action="login">
    <div class="login-box">
      <h1>REGISTRATION</h1>
      <div class="user-box">
        <label for="name" class="form-label">Enter the name</label>
        <input type="text" class="form-control" id="name " name="name" placeholder=" NAME">
      </div>

      <div class="user-box">
        <label for="exampleInputEmail1" class="form-label"> Email address</label>
        <input type="email" class="form-control" name="email" id="exampleInputEmail1" placeholder=" EMAIL">
      </div>

      <div class="user-box">
        <label for="phone" class="form-label"> Enter the phone number</label>
        <input type="text" class="form-control" name="phone" id="phone" placeholder=" PHONE NUMEBER">
      </div>
      <div class="button-form">
        <button type="submit" herf="#" id="submit">Submit</button>
      </div>
    </form>
  </body>

</html>
```

style.css

```
@import url('https://fonts.googleapis.com/css2?family=Nunito+Sans:wght@200&display=swap');
:root{
  --font-style:var(--font-style)
}
*{
  box-sizing: border-box;
}

body {
  height: auto;
  background-color: #131315;
  font-family: var(--font-style);
}

.login-box {
  position: absolute;
  top: 50%;
  left: 50%;
  width: 400px;
  padding: 40px;
  transform: translate(-50%, -50%);
  background: #242026;
  box-shadow: 0 15px 25px rgba(143, 124, 236, 0.7);
  border-radius: 10px;
}

.login-box h1{
  margin:0 0 30px;
  padding: 0;
  color: rgb(236, 230, 230);
  text-align: center;
}

.login-box .user-box input{
  position: relative;
  width: 100%;
  padding: 10px 0;
  font-size: 16px;
  color: #fff;
  margin-bottom: 1px solid #fff;
  outline:none;
  background: transparent;
}

.login-box .user-box label{
  position:relative;
  left: 0;
  padding: 10px;
```

```

font-size: 16px;
color: #fff;
pointer-events: none;
transition: .5s;
}

.login-box .user-box input:focus-label, .login-box .user-box:valid-label{
top: -85px;
left: 0;
color: #8F7CEC;
font-size: 12px;
}

.button-form{
top: 50%;
left: 50%;
width: 400px;
padding: 40px;
display: flex;
flex-direction: row;
margin-top: 20px;
}

#submit{
position: center;
padding: 5px 20px;
color: #115b94;
font-size: 16px;
text-decoration: none;
text-transform: uppercase;
overflow: hidden;
transition: .5s;
letter-spacing: 4px;
border: 1px solid #8F7CEC;
margin: auto;
}

#submit:hover{
background: #8F7CEC;
color: #fff;
border-radius: 5px;
box-shadow: 0 0 5px #8F7CEC, 0 0 25px #8F7CEC, 0 0 50px #8F7CEC, 0 0 100px #8F7CEC;
}

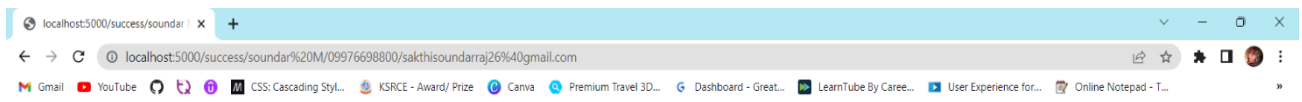
```

Output:-

Index page:-

The screenshot shows a web browser window with the title 'Registration page' and the address 'localhost:5000'. The browser's taskbar at the bottom displays various open applications including Gmail, YouTube, CSS: Cascading Styl..., KSRCE - Award/ Prize, Canva, Premium Travel 3D..., Dashboard - Great..., LearnTube By Caree..., User Experience for..., and Online Notepad - T... The main content of the browser is a registration form on a dark background. The form is titled 'REGISTRATION' in white capital letters. It contains three input fields with labels above them: 'Enter the name' with a 'NAME' placeholder, 'Email address' with an 'EMAIL' placeholder, and 'Enter the phone number' with a 'PHONE NUMEBER' placeholder. Below the input fields is a purple 'SUBMIT' button with white text. The form has a subtle purple glow effect around it.

Login successful page:-



Registered

Login details:-

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09976698800
sakthisoundarraj26@gmail.com