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

```python
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

```html
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <meta name="description" content="">
    <meta name="author" content="Mark Otto, Jacob Thornton, and Bootstrap contributors">
    <meta name="generator" content="Hugo 0.104.2">
    <title>Register Page</title>

    <link rel="canonical" href="https://getbootstrap.com/docs/5.2/examples/sign-in/">



<link href="/static/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi" crossorigin="anonymous">

    <style>
      .bd-placeholder-img {
        font-size: 1.125rem;
        text-anchor: middle;
        -webkit-user-select: none;
        -moz-user-select: none;
        user-select: none;
      }

      @media (min-width: 768px) {
        .bd-placeholder-img-lg {
          font-size: 3.5rem;
        }
      }

      .b-example-divider {
        height: 3rem;
        background-color: rgba(0, 0, 0, .1);
        border: solid rgba(0, 0, 0, .15);
        border-width: 1px 0;
        box-shadow: inset 0 .5em 1.5em rgba(0, 0, 0, .1), inset 0 .125em .5em rgba(0, 0, 0, .15);
      }

      .b-example-vr {
        flex-shrink: 0;
        width: 1.5rem;
        height: 100vh;
      }
```

```html
    .bi {
      vertical-align: -.125em;
      fill: currentColor;
    }

    .nav-scroller {
      position: relative;
      z-index: 2;
      height: 2.75rem;
      overflow-y: hidden;
    }

    .nav-scroller .nav {
      display: flex;
      flex-wrap: nowrap;
      padding-bottom: 1rem;
      margin-top: -1px;
      overflow-x: auto;
      text-align: center;
      white-space: nowrap;
      -webkit-overflow-scrolling: touch;
    }
  </style>


  <link href="/static/css/style.css" rel="stylesheet">

  </head>
  <body class="text-center">

<main class="form-signin w-100 m-auto">

    <form method="post" action="login">

    <h1 class="h3 mb-3 fw-normal">Sign in</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>
```

```html
    <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>

      <label>
      </label>
    </div>
    <button  type="submit" herf="#" id="submit">Submit</button>
  </form>
</main>



  </body>
</html>
```

style.css


```css
static > css > # style.css > ‡ .form-signin input[type="password"]
   1    html,
   2    body {
   3      height: 100%;
   4    }
   5
   6    body {
   7      display: flex;
   8      align-items: center;
   9      padding-top: 40px;
  10      padding-bottom: 40px;
  11      background-color: #f5f5f5;
  12    }
  13
  14    .form-signin {
  15      max-width: 330px;
  16      padding: 15px;
  17    }
  18
  19    .form-signin .form-floating:focus-within {
  20      z-index: 2;
  21    }
  22
  23    .form-signin input[type="email"] {
  24      margin-bottom: -1px;
  25      border-bottom-right-radius: 0;
  26      border-bottom-left-radius: 0;
  27    }
  28
  29    .form-signin input[type="password"] {
  30      margin-bottom: 10px;
  31      border-top-left-radius: 0;
  32      border-top-right-radius: 0;
  33    }
```

Output:-

Index page:-

Login successful page:-

Enrolled

sign details:-

Sasidharan S
sasid3391@gmail.com
1234567890