

Assignment -1

Python Programming

Assignment Date	19 September 2022
Student Name	Sasidharen S
Student Roll Number	73151921046
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

```
plates > <> index.html > <html> <head> <style> <img> .bd-placeholder-img

<!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/">

  </head>
  <body>
    <div class="text-center">
      <img alt="Placeholder image" class="bd-placeholder-img" data-bbox="114 284 236 344" style="width: 100px; height: 100px; margin-bottom: 20px;"/>
    </div>
    <div class="text-center">
      <div class="b-example-divider"></div>
      <div class="b-example-vr"></div>
    </div>
  </body>
</html>

<link href="/static/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Zenh87qX5JnK2110vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi" crossorigin="anonymous">

<style>
  .bd-placeholder-img {
    font-size: 1.125rem;
    text-align: center;
    -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;
  }
</style>
```

tes > index.html > html > head > style > .nav-scroller .nav

```
.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>
```

```
94
95   <div class="user-box">
96     <label for="phone" class="form-label"> Enter the phone number</label>
97     <input type="text" class="form-control" name="phone" id="phone" placeholder="PHONE NUMEBER">
98   </div>
99
100   <label>
101   </label>
102 </div>
103 <button type="submit" href="#" id="submit">Submit</button>
104 </form>
105 </main>
106
107
108
109 </body>
110 </html>
111
```

style.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:-

Sign in

Enter the name

Sasidharan S

Email address

sasid3391@gmail.com

Enter the phone number

1234567890

Submit

Login successful page:-

Enrolled

sign details:-

Sasidharan S
sasid3391@gmail.com
1234567890
