

Assignment -1

Python Programming

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| Assignment Date | 19 September 2022 |
| Student Name | Rameshkrishnan M |
| Student Roll Number | 73151921042 |
| 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

```
templates > index.html > html > body.text-center
1
2 <!doctype html>
3 <html lang="en">
4   <head>
5     <meta charset="utf-8">
6     <meta name="viewport" content="width=device-width, initial-scale=1">
7     <meta name="description" content="">
8     <meta name="author" content="Mark Otto, Jacob Thornton, and Bootstrap contributors">
9     <meta name="generator" content="Hugo 0.104.2">
10    <title>Register Page</title>
11
12    <link rel="canonical" href="https://getbootstrap.com/docs/5.2/examples/sign-in/">
13
14
15
16
17
18 <link href="/static/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Zenh87qX5JnK21l0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRI" crossorigin="anonymous">
19
20   <style>
21     .bd-placeholder-img {
22       font-size: 1.125rem;
23       text-align: middle;
24       -webkit-user-select: none;
25       -moz-user-select: none;
26       user-select: none;
27     }
28
29     @media (min-width: 768px) {
30       .bd-placeholder-img-lg {
31         font-size: 3.5rem;
32       }
33     }
34
35     .b-example-divider {
36       height: 3rem;
37       background-color: rgba(0, 0, 0, .1);
38       border: solid rgba(0, 0, 0, .15);
39       border-width: 1px 0;
40       box-shadow: inset 0 .5em 1.5em rgba(0, 0, 0, .1), inset 0 .125em .5em rgba(0, 0, 0, .15);
41     }
42
43     .b-example-vr {
44       flex-shrink: 0;
45       width: 1.5rem;
46       height: 100vh;
47     }
48
```

```

templates > index.html > html > body, text-center
49     .bi {
50         vertical-align: -.125em;
51         fill: currentColor;
52     }
53
54     .nav-scroller {
55         position: relative;
56         z-index: 2;
57         height: 2.75rem;
58         overflow-y: hidden;
59     }
60
61     .nav-scroller .nav {
62         display: flex;
63         flex-wrap: nowrap;
64         padding-bottom: 1rem;
65         margin-top: -1px;
66         overflow-x: auto;
67         text-align: center;
68         white-space: nowrap;
69         -webkit-overflow-scrolling: touch;
70     }
71 </style>
72
73 <link href="/static/css/style.css" rel="stylesheet">
74
75 </head>
76
77 <body class="text-center">
78 <main class="form-signin w-100 m-auto">
79
80     <form method="post" action="login">
81
82     <h1 class="h3 mb-3 fw-normal">Sign in</h1>
83
84     <div class="user-box">
85         <label for="name" class="form-label">Enter the name</label>
86         <input type="text" class="form-control" id="name" name="name" placeholder="NAME">
87     </div>
88
89     <div class="user-box">
90         <label for="exampleInputEmail1" class="form-label"> Email address</label>
91         <input type="email" class="form-control" name="email" id="exampleInputEmail1" placeholder=" EMAIL">
92     </div>
93
94     <div class="user-box">
95         <label for="phone" class="form-label"> Enter the phone number</label>
96         <input type="text" class="form-control" name="phone" id="phone" placeholder=" PHONE NUMEBER">

```

```

97     </div>
98
99     <label>
100     </label>
101 </div>
102 <button type="submit" href="#" id="submit">Submit</button>
103 </form>
104 </main>
105
106
107
108 </body>
109 </html>
110

```

style.css

```
static > css > # style.css > 🚧 body
1  body {
2    height: 100%;
3    background-color: #f5deb3;
4  }
5
6  body {
7    display: flex;
8    align-items: center;
9    padding-top: 40px;
10   padding-bottom: 40px;
11 }
12
13 .form-signin {
14   max-width: 330px;
15   padding: 15px;
16 }
17
18 .form-signin .form-floating:focus-within {
19   z-index: 2;
20 }
21
22 .form-signin input[type="email"] {
23   margin-bottom: -1px;
24   border-bottom-right-radius: 0;
25   border-bottom-left-radius: 0;
26 }
27
28 .form-signin input[type="password"] {
29   margin-bottom: 10px;
30   border-top-left-radius: 0;
31   border-top-right-radius: 0;
32 }
```

Output:-

Index page:-

Sign in

Enter the name

Rameshkrishnan M

Email address

rameshkrishna002@gmail.com

Enter the phone number

9080661005

Submit

Login successful page:-

Enrolled

user credential:-

Rameshkrishnan M
rameshkrishna002@gmail.com
9080661005
