

Assignment -1

Python Programming

Assignment Date	19 September 2022
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Student Roll Number	73151921033
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 > form > div.login-box > h1

```
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/css/style.css">
9
10     <link href="/static/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Zenh87qX5JnK2J10vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy98v1WTRI" crossorigin="anonymous">
11
12     <title>Registration page </title>
13 </head>
14
15 <body>
16
17     <form method="post" action="login">
18         <div class="login-box">
19             <h1>REGISTRATION </h1>
20             <div class="user-box">
21                 <label for="name" class="form-label">Enter the name</label>
22                 <input type="text" class="form-control" id="name " name="name" placeholder=" NAME">
23             </div>
24
25             <div class="user-box">
26                 <label for="exampleInputEmail1" class="form-label"> Email address</label>
27                 <input type="email" class="form-control" name="email" id="exampleInputEmail1" placeholder=" EMAIL">
28             </div>
29
30             <div class="user-box">
31                 <label for="phone" class="form-label"> Enter the phone number</label>
32                 <input type="text" class="form-control" name="phone" id="phone" placeholder=" PHONE NUMEBER">
33             </div>
34             <div class="button-form">
35                 <button type="submit" herf="#" id="submit">Submit</button>
36             </div>
37         </form>
38 </body>
39
40 </html>
41
```

style.css

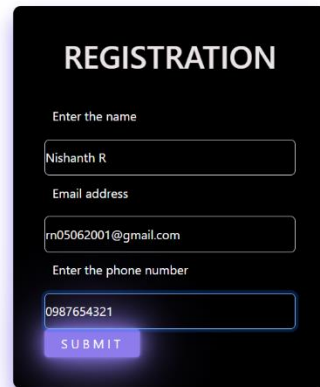
```
static > css > # style.css > .login-box
1  @import url('https://fonts.googleapis.com/css2?family=Nunito+Sans:wght@200&display=swap');
2  :root{
3    --font-style:var(--font-style)
4  }
5  *{
6    box-sizing: border-box;
7  }
8
9  body {
10   height: auto;
11   background-color: black;
12   font-family: var(--font-style);
13 }
14 .h1{
15   color: black;
16 }
17
18 .login-box {
19   position :absolute;
20   top: 50%;
21   left: 50%;
22   width: 400px;
23   padding: 40px;
24   transform: translate(-50%,-50%);
25   background: black;
26   box-shadow: 0 15px 25px rgba(143, 124, 236, 0.7);
27   border-radius: 10px;
28 }
29 .login-box h1{
30   margin:0 0 30px;
31   padding: 0;
32   color: rgb(236, 230, 230);
33   text-align: center;
34 }
35
36 .login-box .user-box input{
37   position: relative;
38   width: 100%;
39   padding: 10px 0;
40   font-size: 16px;
41   color: #fff;
42   margin-bottom: 1px solid #fff;
43   outline:none;
44   background: transparent;
45 }
46
47 .login-box .user-box label{
48   position:relative;
49   left: 0;
```

static > css > # style.css > .login-box

```
47 .login-box .user-box label{
48     position:relative;
49     left: 0;
50     padding: 10px;
51     font-size: 16px;
52     color: #fff;
53     pointer-events: none;
54     transition: .5s;
55 }
56
57 .login-box .user-box input:focus-label, .login-box .user-box:valid-label{
58     top: -85px;
59     left: 0;
60     color: #8F7CEC;
61     font-size: 12px;
62 }
63 .button-form{
64     top: 50%;
65     left: 50%;
66     width: 400px;
67     padding: 40px;
68     display:flex;
69     flex-direction: row;
70     margin-top: 20px;
71 }
72
73 #submit{
74     position: center;
75     padding: 5px 20px;
76     color: #115b94;
77     font-size: 16px;
78     text-decoration: none;
79     text-transform: uppercase;
80     overflow: hidden;
81     transition: .5s;
82     letter-spacing: 4px;
83     border: 1px solid #8F7CEC;
84     margin: auto;
85 }
86
87 #submit:hover{
88     background: #8F7CEC;
89     color: #fff;
90     border-radius: 5px;
91     box-shadow: 0 0 5px #8F7CEC, 0 0 25px #8F7CEC, 0 0 50px #8F7CEC, 0 0 100px #8F7CEC;
92 }
93
```

Output:-

Index page:-



REGISTRATION

Enter the name

Nishanth R

Email address

rn05062001@gmail.com

Enter the phone number

0987654321

SUBMIT

Login successful page:-

Registered

Login details:-

Nishanth R
0987654321
rn05062001@gmail.com
