

Assignment -1
Python Programming
SMART FASHION RECOMMENDER APPLICATION

Assignment Date	19 September 2022
Team ID	PNT2022TMID53909
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Maximum Marks	2 Marks

Question-1:

Create registration page in html with username, email and phone number and by using POST method display it in next html page.

Solution:

Program:

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/style.css">
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
  integrity="sha384-
gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNl/vI1Bx"
crossorigin="anonymous">
  <title>Registration page </title>
</head>

<body>

  <form method="post" action="login">
    <h1>REGISTRATION PAGE</h1>
    <div class="mb-3">
      <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="mb-3">
      <label for="exampleInputEmail1" class="form-label">Email
address</label>
```

```

        <input type="email" class="form-control" name="email"
id="exampleInputEmail1" placeholder="EMAIL">
    </div>

    <div class="mb-3">
        <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>
    <button type="submit" class="btn btn-primary">Submit</button>
</form>

</body>

</html>

```

Style.css:

```

body{
    background-color: aqua !important;
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
}
form{
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    background-color:#fff;
    width: 40%;
    height: 400px;
    border-radius: 50px;
    margin: 100px;
}
h2{
    font-size: large;
    font-weight:bolder;
}
input{
    width: 80% !important;
}
div{

```

```

display: flex;
align-items: center;
justify-content: center;
flex-direction: column;
width: 90%;
}

```

Question-2:

Develop a flask program which should contain at least 5 packages used from pypi.org.

Solution:

Program:

app.py

```

from tkinter.tix import Form
from flask import Flask ,render_template,url_for,redirect,request

app = Flask(__name__)

@app.route('/')
def index():
    return render_template("index.html")
@app.route('/success/<name>/<phone>/<email>')
def success(name=None,phone=None,email=None):
    return " <h1>Registered Successfully</h1><h2>Your Details Are:-</h2>  {}
<br>{} <br> {} ".format(name , phone ,email)
    # '{} {} {}'.format(firstname, lastname, cellphone)
@app.route("/login",methods =['POST','GET'])
def login():
    if request.method == 'POST':

        user = request.form['name']
        email = request.form['email']
        phone = request.form['phone']
        return redirect(url_for("success", name = user ,phone = phone ,email =
email ))
        # name = user ,phone = phone ,email = email
    else:
        user = request.args.get("input_name")
        return redirect(url_for("success",name=user))

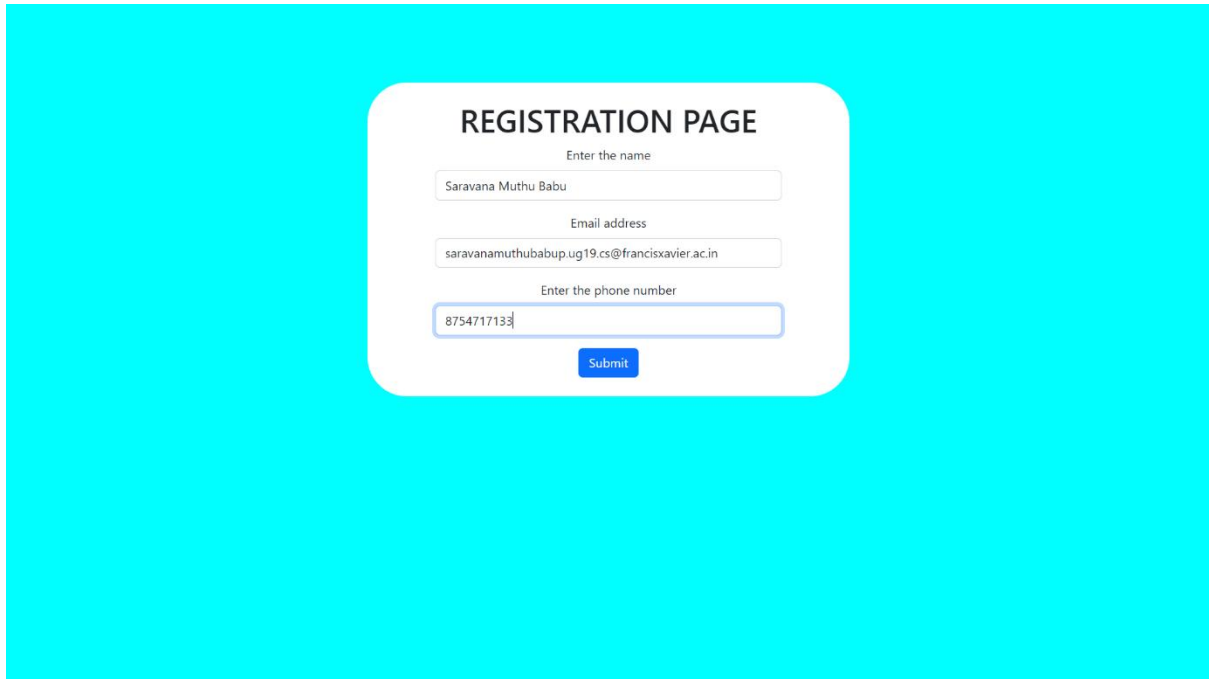
if __name__ == '__main__':
    app.run(debug=True)

```

Output:

Screenshots:

1. Registration Page:

A screenshot of a web registration form titled "REGISTRATION PAGE". The form is centered on a solid blue background. It contains three input fields: "Enter the name" with the text "Saravana Muthu Babu", "Email address" with the text "saravanamuthubabup.ug19.cs@francisxavier.ac.in", and "Enter the phone number" with the text "8754717133". A blue "Submit" button is located at the bottom right of the form area.

REGISTRATION PAGE

Enter the name

Saravana Muthu Babu

Email address

saravanamuthubabup.ug19.cs@francisxavier.ac.in

Enter the phone number

8754717133

Submit

2. Registration Successful:

Registered Successfully

Your Details Are:-

Saravana Muthu Babu
8754717133
saravanamuthubabup.ug19.cs@francisxavier.ac.in