

Assignment -1
Python Programming

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Student Roll Number	130719205008
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

```
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 ))
    else:
```

```

        user = request.args.get("input_name")
        return redirect(url_for("success",name=user))

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

```

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>
```

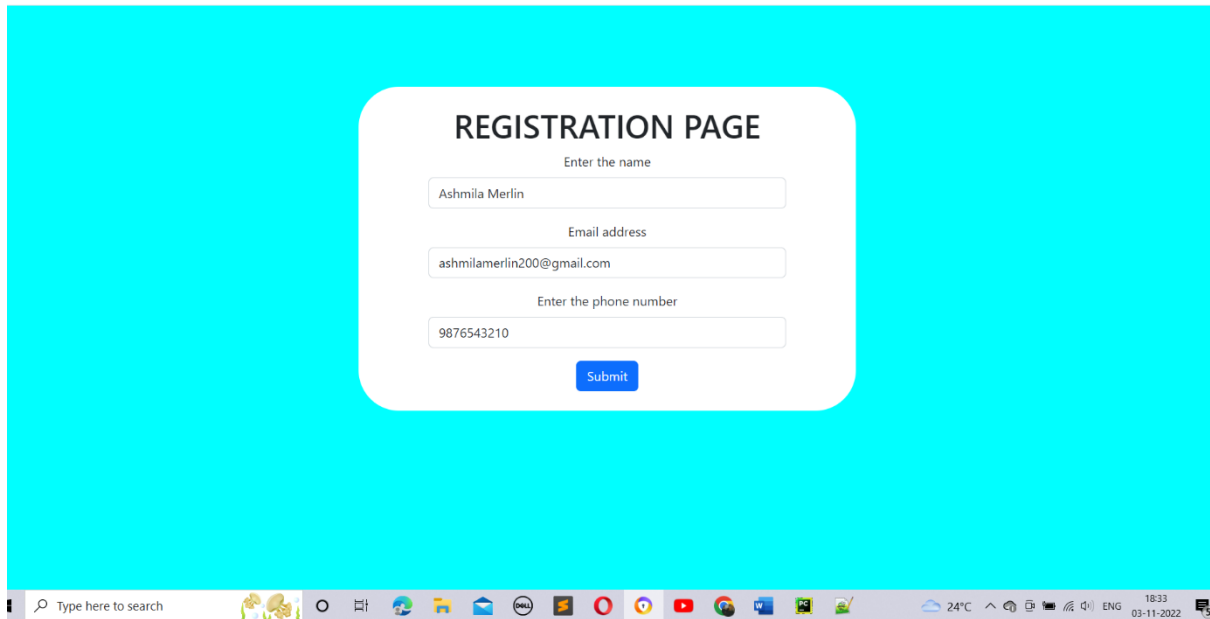
```
</html>
```

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%;
}
```

Output:-

Index Page:-



A screenshot of a web browser displaying a registration page. The page has a solid cyan background. In the center is a white rounded rectangle containing the registration form. The form is titled "REGISTRATION PAGE" in bold black text. Below the title are three input fields with labels: "Enter the name" (containing "Ashmila Merlin"), "Email address" (containing "ashmilamerlin200@gmail.com"), and "Enter the phone number" (containing "9876543210"). A blue "Submit" button is located at the bottom of the form. The browser's taskbar is visible at the bottom, showing a search bar, various application icons, and system status information including temperature (24°C), time (18:33), and date (03-11-2022).

REGISTRATION PAGE

Enter the name

Ashmila Merlin

Email address

ashmilamerlin200@gmail.com

Enter the phone number

9876543210

Submit

Login successful page

Registered Successfully

Your Details Are:-

Ashmila Merlin V
9876543210
ashmlamerlin200@gmail.com