

Assignment	1
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1. Create a registration page in html with username, email and phone number and by using POST method display it in the next html page.
2. Develop a flask program which should contain at least 5 packages used from pypi.org.

PROGRAM:

app.py

```
from flask import Flask, render_template, url_for, redirect, request
```

```
import json
```

```
app = Flask(__name__)
```

```
@app.route('/', methods=['GET', 'POST'])
```

```
@app.route('/register', methods=['GET', 'POST'])
```

```
def register():
```

```
    if request.method == "POST":
```

```
        user = {}
```

```
        user['name'] = request.form['name']
```

```
        user['email'] = request.form['email']
```

```
        user['phone'] = request.form['phone']
```

```
        return redirect(url_for(".success", user=json.dumps(user)))
```

```
    return render_template("registration.html")
```

```
@app.route('/success')
```

```
def success():  
    return render_template("success.html",user=json.loads(request.args['user']))
```

TEMPLATES:

registration.html

```
<!DOCTYPE html>  
  
<html lang="en">  
  
<head>  
    <meta charset="UTF-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1.0">  
    <link rel="stylesheet" href="{{url_for('static', filename='css/style.css')}}">  
    <title>Registration Form</title>  
</head>  
  
<body>  
    <div class="container">  
        <div class="header">  
            <h1>Registration Form</h1>  
        </div>  
        <div class="form-container">  
            <form action="/register" method="POST">  
                <div class="form-field-container">  
                    <label for="name">Name</label>  
                    <input type="text" name="name" required>  
                </div>  
                <div class="form-field-container">  
                    <label for="email">Email ID</label>
```

```
        <input type="email" name="email" required>
    </div>

    <div class="form-field-container">

        <label for="phone">Contact Number</label>

        <input type="tel" name="phone" required>

    </div>

    <div class="form-field-container">

        <button type="submit">Submit</button>

        <button type="reset">Cancel</button>

    </div>

</form>

</div>

</div>

</body>

</html>
```

success.html:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Success</title>

</head>

<body>

    <h1>
```

```
        Hello {{user['name']}}!
    </h1>

    <h2>

        Your registration was successful!

    </h2>

    <h3>Your Details are:</h3>

    <h3>Name : {{user['name']}}</h3>

    <h3>Email : {{user['email']}}</h3>

    <h3>Contact No: {{user['phone']}}</h3>

</body>

</html>
```

STATIC:

style.css:

```
.header{

    text-align: center;

}

.container{

    margin: 80px auto;

    width: 600px;

    padding-left: 20px;

    padding-right: 20px;

}

.form-container{

    margin: 10px;

    padding: 10px;
```

```
border: 1px solid black;
border-radius: 10px;
}
.form-field-container{
padding: 10px 5px;
}
.form-input-field{
padding: 10px 5px;
}
label{
display: block;
padding: 5px 0px;
font-size: 20px;
}
input{
width: 100%;
font-size: 20px;
box-sizing: border-box;
}
button{
padding: 10px 20px;
color: white;
border: none;
border-radius: 5px;
width: 47%;
```

```
}  
  
button[type=submit]{  
    background-color: green;  
    margin-right: 15px;  
}  
  
button[type=reset]{  
    background-color: blue;  
    margin-left: 12px;  
}
```

OUTPUT:

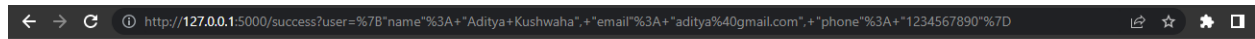
Registration page:



Registration Form

Name	<input type="text" value="Aditya Kushwaha"/>
Email ID	<input type="text" value="aditya@gmail.com"/>
Contact Number	<input type="text" value="1234567890"/>
<div><input type="button" value="Submit"/> <input type="button" value="Cancel"/></div>	

On submission:



Hello Aditya Kushwaha!

Your registration was successful!

Your Details are:

Name : Aditya Kushwaha

Email : aditya@gmail.com

Contact No: 1234567890