

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:

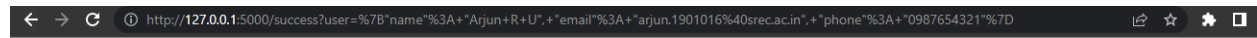
Registration page:



Registration Form

Name	<input type="text" value="Arjun R U"/>
Email ID	<input type="text" value="arjun.1901016@srec.ac.in"/>
Contact Number	<input type="text" value="0987654321"/>
<div><input type="button" value="Submit"/> <input type="button" value="Cancel"/></div>	

On submission:



Hello Arjun R U!

Your registration was successful!

Your Details are:

Name : Arjun R U

Email : arjun.1901016@srec.ac.in

Contact No: 0987654321