

Assignment-2

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

Program:

register.html

```
<!DOCTYPE html>

<html>

<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">

<title>Registration form</title>

</head>

<body>

<center>

<form action="{{ url_for('register')}}" method="post">

    Name : <input type="text" name="user"><br><br>

    Email id : <input type="text" name="email"><br><br>

    Phone Number : <input type="text" name="phone"><br><br>

    <input type="submit" value="Submit"><br>

</form>

</center>

</body>

</html>
```

app.py:

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

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

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

```
def register():
```

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

```
        name = request.form.get("user")
```

```
        email = request.form.get("email")
```

```
        phone = request.form.get("phone")
```

```
        return "Name is : " + name + ", Email is : " + email + ", Mobile Number is : "+ phone
```

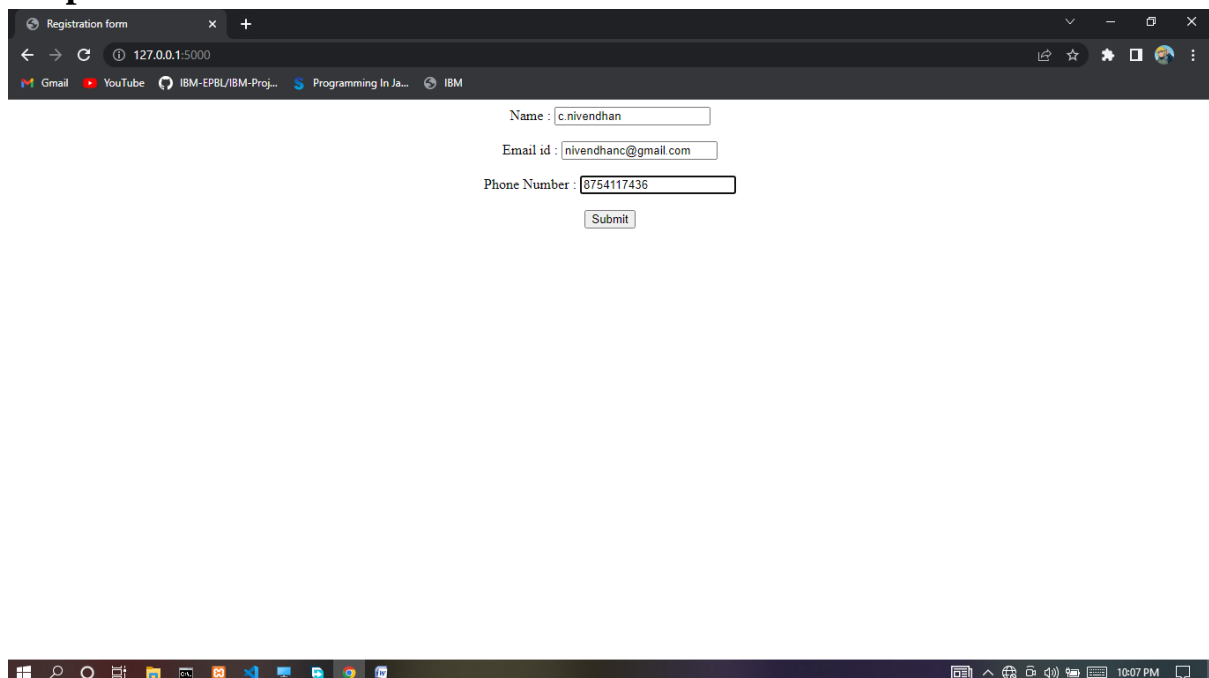
```
    return render_template("register.html")
```

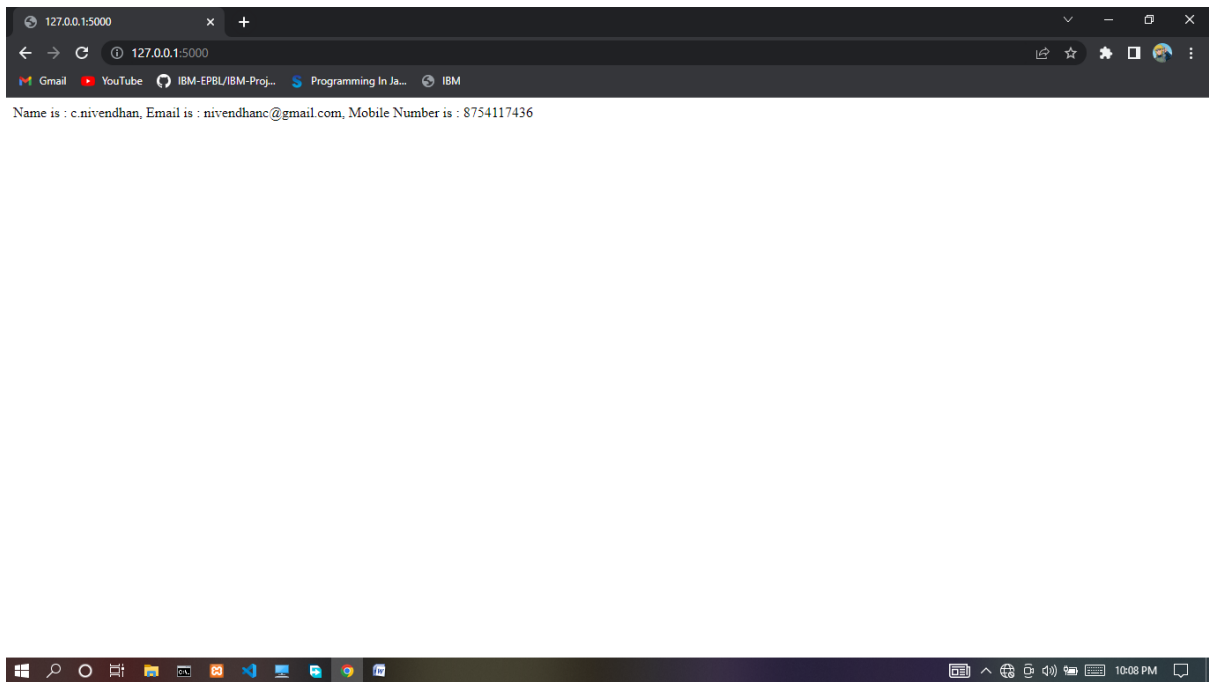
```
if __name__ == '__main__':
```

```
    app.debug=True
```

```
    app.run()
```

Output:





2. Develop a flask program which should contain atleast 5 packages used from pypi.org

base.html:

```
<!DOCTYPE html>

<html>

<head>

<title>Page Title</title>

{ % block head % } { % endblock % }

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
crossorigin="anonymous">

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOmMi466C8"
crossorigin="anonymous">

</script>

</head>

<body>
```

```
<a href="/">HOME</a>
<a href="/Blog">BLOG</a>
<a href="/Signin">SIGN IN</a>
<a href="/Signup">SIGN UP</a>
<hr><br>
<div class="container">
{% block body %} {% endblock %}
</div>
</body>
</html>
```

blog.html:

```
{% extends 'base.html' %}
{% block head %}
<title>Blog Page</title>
{% endblock %}
{% block body %}
<h1>This is My Blog</h1>
<h2>
  <p>Hello Everyone</p>
</h2>
{% endblock %}
```

index.html:

```
{% extends 'base.html' %}
{% block head %}
<title>Home Page</title>
{% endblock %}
{% block body %}
<h1>Hello everyone,</h1>
```

```

<div class="p-5 mb-4 bg-light rounded-3">
  <div class="container-fluid py-5">
    <h1 class="display-5 fw-bold">HELLO WORLD !</h1>
    <p class="col-md-8 fs-4">world (also known as environment,nature,atmosphere
      and attire) are items worn on the body. Typically, environment nature to grow the
      world and atmosphere.natural
      has many types living organisms and natural products found in
      the environment, put together.</p>
  </div>
</div>
{% endblock %}

```

signup.html:

```

{% extends 'base.html' %}
{% block head %}
<title>Signup Page</title>
{% endblock %}
{% block body %}
<h1>Signup Page</h1>
<form action="Signup" method="POST">
<label>Name</label><br>
<input type="text" name="name"><br><br>
<label>Email</label><br>
<input type="email" name="email"><br><br>
<label>Phone</label><br>
<input type="text" name="phone"><br><br>
<label>Password</label><br>
<input type="password" name="name"><br><br>
<label>Retype Password</label><br>
<input type="password" name="name"><br><br><br>
<input type="submit" class="btn btn-primary">

```

```
</form>
```

```
{% endblock % }
```

signin.html:

```
{% extends 'base.html' % }
```

```
{% block head % }
```

```
<title>Signin Page</title>
```

```
{% endblock % }
```

```
{% block body % }
```

```
<h1>Signin Page</h1>
```

```
<form action="/Signin" method="POST">
```

```
<label>Email</label><br>
```

```
<input type="email" name="email"><br><br>
```

```
<label>password</label><br>
```

```
<input type="password" name="name"><br><br>
```

```
<input type="submit" class="btn btn-primary">
```

```
</form>
```

```
{% endblock % }
```

app.py:

```
from flask import Flask, render_template
```

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

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

```
def Index():
```

```
    return render_template('index.html')
```

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

```
def Blog():
```

```
    return render_template('blog.html')
```

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

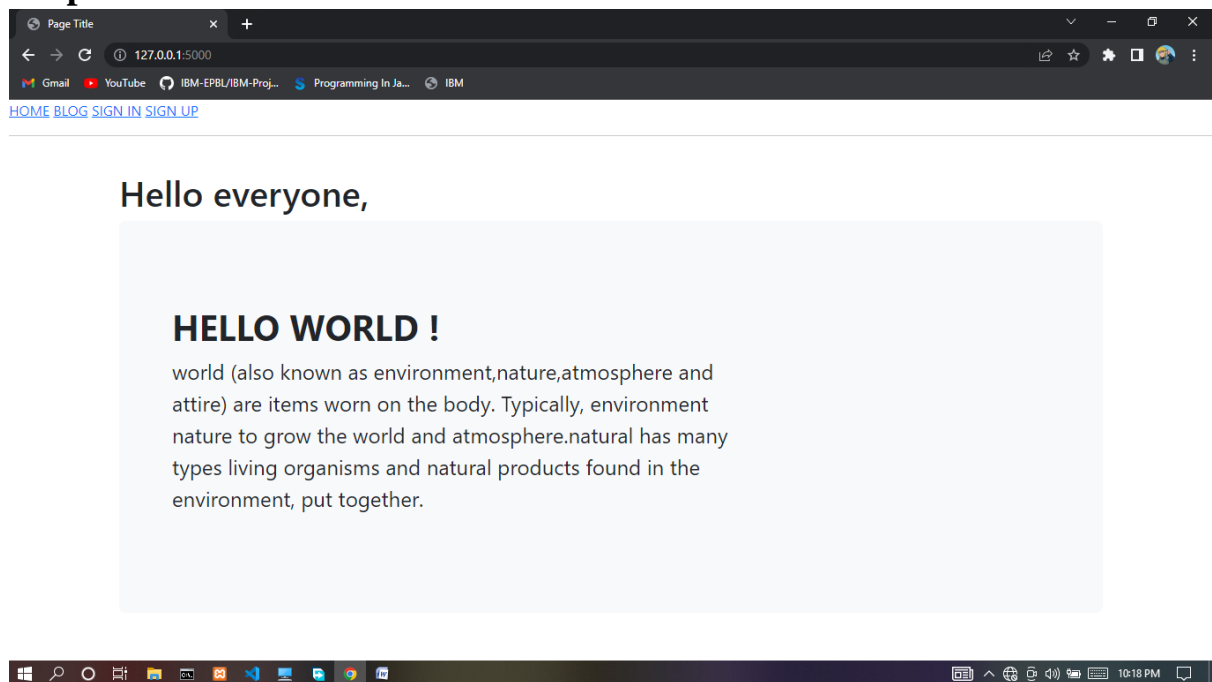
```
def Signup():
```

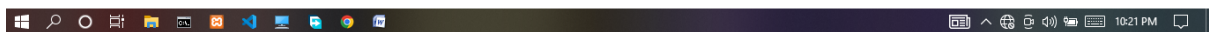
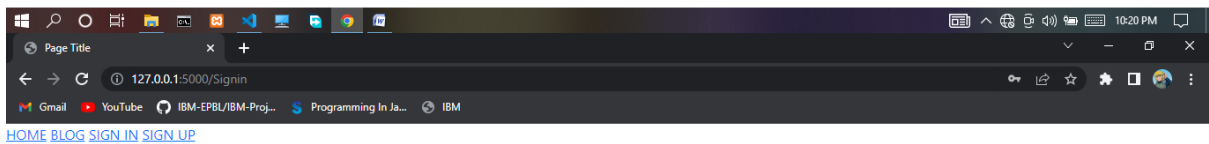
```
    return render_template('signup.html')

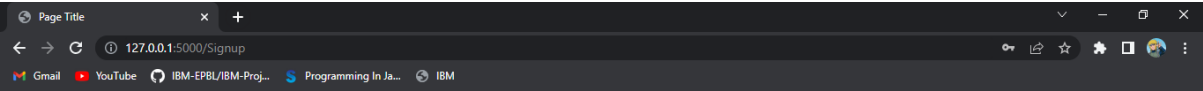
@app.route('/Signin')
def Signin():
    return render_template('signin.html')

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

Output:







[HOME](#) [BLOG](#) [SIGN IN](#) [SIGN UP](#)

Signup Page

Name

Email

Phone

Password

Retype Password

[Submit](#)

