

## Assignment-2

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PROJECTNAME	NUTRITION ASSISTANT APPLICATION
NAME	GANESAN A
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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

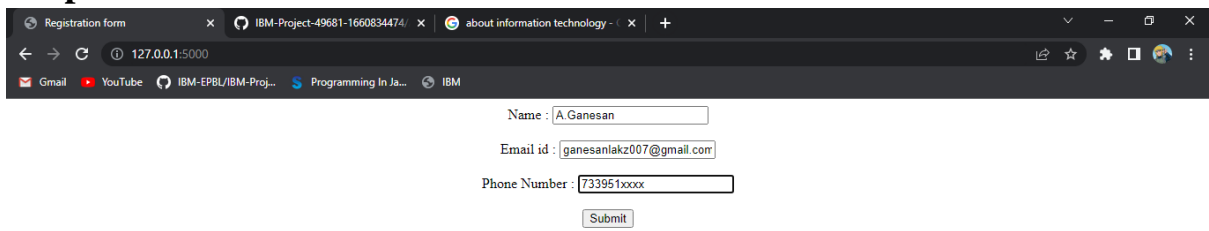
    return render_template("register.html")


if __name__ == '__main__':

    app.debug=True

    app.run()
```

## Output:

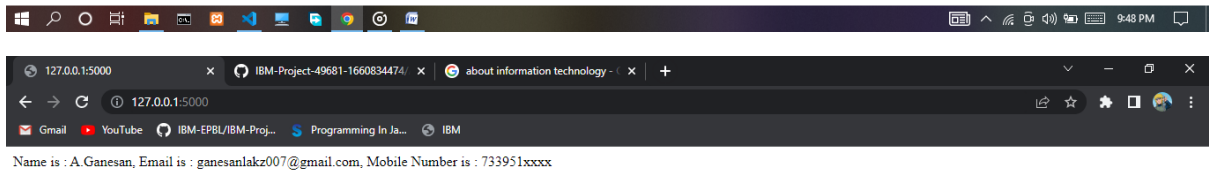


A screenshot of a web browser window. The address bar shows the URL 127.0.0.1:5000. The browser has several tabs open, including 'Registration form', 'IBM-Project-49681-1660834474', and 'about information technology'. The registration form contains three input fields: 'Name' with the value 'A.Ganesan', 'Email id' with the value 'ganesanlakz007@gmail.com', and 'Phone Number' with the value '733951xxxx'. A 'Submit' button is located below the phone number field.

Name :

Email id :

Phone Number :



A screenshot showing a Windows taskbar at the top with various application icons. Below it is a web browser window with the same URL 127.0.0.1:5000. The browser window displays the text: 'Name is : A.Ganesan, Email is : ganesanlakz007@gmail.com, Mobile Number is : 733951xxxxx'.

Name is : A.Ganesan, Email is : ganesanlakz007@gmail.com, Mobile Number is : 733951xxxxx



## 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 technology Blog Page</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">TECHNOLOGICAL WORLD !</h1>

        <p class="col-md-8 fs-4">Information technology (IT) is the use of computer systems or
        devices to access information. Information technology is

            responsible for such a large portion of our workforce, business operations and personal
            access to information that it

                comprises much of our daily activities.</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')

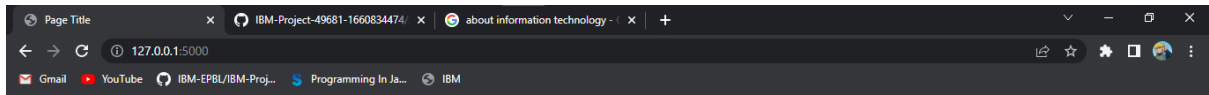
@app.route('/Signup')
def Signup():
    return render_template('signup.html')

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

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



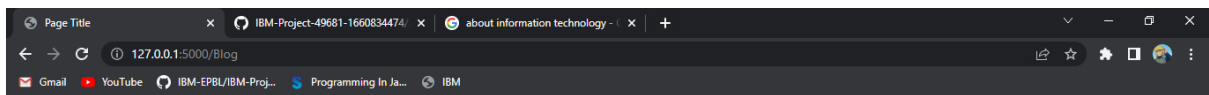
## Output:



Hello everyone,

## TECHNOLOGICAL WORLD !

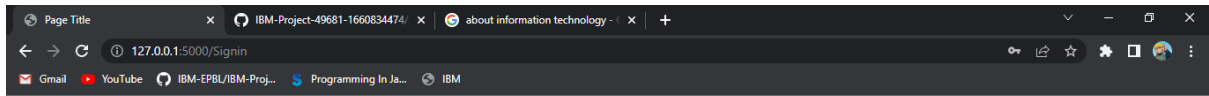
Information technology (IT) is the use of computer systems or devices to access information. Information technology is responsible for such a large portion of our workforce, business operations and personal access to information that it comprises much of our daily activities.



This is My technology Blog Page

Hello Everyone



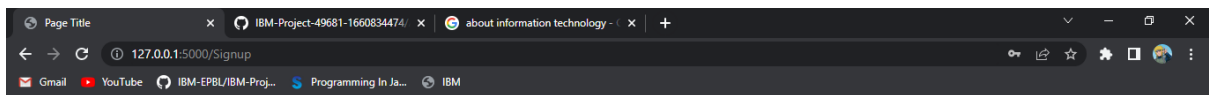
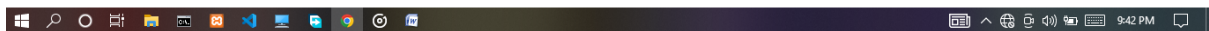


[HOME](#) [BLOG](#) [SIGN IN](#) [SIGN UP](#)

## Signin Page

Email

password



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

## Signup Page

Name

Email

Phone

Password

Retype Password

