1. **Install Python**: Ensure you have Python installed on your machine. You can download it from [python.org](https://www.python.org/).

**Install Flask**: Open your terminal or command prompt and install Flask using pip, the Python package installer.

USING COMMAND :-

pip install Flask

**Create the Project Directory**: Create a new directory for your project. Navigate to the directory where you want to create your project, then create a new directory and navigate into it:

USING COMMAND :-

mkdir ecommerce\_app

cd ecommerce\_app

**Run the Command**:

**type nul > app.py**

**add the code in app.py**

CODE:-

from flask import Flask, request, render\_template, redirect, url\_for

app = Flask(\_\_name\_\_)

# In-memory database to store products

products = []

@app.route('/')

def index():

return render\_template('index.html', products=products)

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

def add\_product():

if request.method == 'POST':

product\_name = request.form['name']

product\_price = request.form['price']

products.append({'name': product\_name, 'price': product\_price})

return redirect(url\_for('index'))

return render\_template('add\_product.html')

if \_\_name\_\_ == '\_\_main\_\_':

app.run(debug=True)

**Create the Templates Directory**: Create a **templates** directory inside the **ecommerce\_app** directory. This is where your HTML files will be stored.

USING COMMAND :-

mkdir templates

**Create HTML Templates**: Inside the **templates** directory, create two HTML files: **index.html** and **add\_product.html**.

Index.html

<!DOCTYPE html>

<html>

<head>

<title>Product List</title>

</head>

<body>

<h1>Product List</h1>

<ul>

{% for product in products %}

<li>{{ product.name }} - ${{ product.price }}</li>

{% endfor %}

</ul>

<a href="{{ url\_for('add\_product') }}">Add New Product</a>

</body>

</html>

**add\_product.html**

<!DOCTYPE html>

<html>

<head>

<title>Add Product</title>

</head>

<body>

<h1>Add Product</h1>

<form method="POST" action="{{ url\_for('add\_product') }}">

<label for="name">Product Name:</label>

<input type="text" id="name" name="name" required><br><br>

<label for="price">Product Price:</label>

<input type="number" id="price" name="price" required><br><br>

<input type="submit" value="Add Product">

</form>

</body>

</html>

**Run the Flask Application**: Navigate back to the **ecommerce\_app** directory if you are not already there, and run the Flask application

python app.py

1. **Open the Application in a Browser**: Open your web browser and go to **http://127.0.0.1:5000/**. You should see the product list page. Click on "Add New Product" to go to the add product page, fill out the form, and submit it to see the new product added to the list.