

## Setting up Application Environment

### Create a Flask Project

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Team ID	PNT2022TMID03865
Project Name	Personal Expense Tracker Application

Python is installed and flask package is installed using pip command “pip install flask” in command prompt.

Flask app is created and was run in command prompt using “flask run” command.

```
C:\Windows\System32\cmd.exe
C:\Users\nmani\OneDrive\Desktop\IBM_Project\Setting Up Application Environment\create_flask>python --version
Python 3.10.7

C:\Users\nmani\OneDrive\Desktop\IBM_Project\Setting Up Application Environment\create_flask>pip install flask
Requirement already satisfied: flask in c:\users\nmani\appdata\local\programs\python\python310\lib\site-packages (2.2.2)
Requirement already satisfied: Werkzeug<=2.2.2 in c:\users\nmani\appdata\local\programs\python\python310\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: itsdangerous<=2.0 in c:\users\nmani\appdata\local\programs\python\python310\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: click<=8.0 in c:\users\nmani\appdata\local\programs\python\python310\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: Jinja2<=3.0 in c:\users\nmani\appdata\local\programs\python\python310\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: colorama in c:\users\nmani\appdata\local\programs\python\python310\lib\site-packages (from click<=8.0->flask) (0.4.5)
Requirement already satisfied: MarkupSafe<=2.0 in c:\users\nmani\appdata\local\programs\python\python310\lib\site-packages (from Jinja2<=3.0->flask) (2.1.1)

C:\Users\nmani\OneDrive\Desktop\IBM_Project\Setting Up Application Environment\create_flask>flask --version
Python 3.10.7
Flask 2.2.2
Werkzeug 2.2.2

C:\Users\nmani\OneDrive\Desktop\IBM_Project\Setting Up Application Environment\create_flask>flask run
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
```

### Flask Program:

#### app.py:

```
from flask import Flask
```

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

```
app.debug=True
```

```
@app.route("/")
```

```
def hello_world():
```

```
    return "<h1>Hello this is Setting Up Application Environment Task<br>The flask program has  
been created!</h1>"
```

```
if __name__=="__main__":
```

```
    app.run()
```

**Output:**

