

Setting Up Application Environment

Create Flask Project

Team ID	PNT2022TMID51548
Project Name	Containment Zone Alerting Application

Create Flask App:

Flask Installation:

```
Command Prompt
C:\Users\bala3_000>pip install Flask
Collecting Flask
  Downloading Flask-2.2.2-py3-none-any.whl (101 kB)
    101.5/101.5 kB 729.9 kB/s eta 0:00:00
Collecting Werkzeug>=2.2.2
  Downloading Werkzeug-2.2.2-py3-none-any.whl (232 kB)
    232.7/232.7 kB 749.0 kB/s eta 0:00:00
Requirement already satisfied: click>=8.0 in c:\users\bala3_000\appdata\local\programs\python\python310\lib\site-packages (from Flask) (8.1.3)
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting Jinja2>=3.0
  Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)
    133.1/133.1 kB 871.4 kB/s eta 0:00:00
Requirement already satisfied: colorama in c:\users\bala3_000\appdata\local\programs\python\python310\lib\site-packages (from click>=8.0->Flask) (0.4.4)
Collecting MarkupSafe>=2.0
  Downloading MarkupSafe-2.1.1-cp310-cp310-win_amd64.whl (17 kB)
Installing collected packages: MarkupSafe, itsdangerous, Werkzeug, Jinja2, Flask
Successfully installed Flask-2.2.2 Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 itsdangerous-2.1.2

[notice] A new release of pip available: 22.1.2 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\bala3_000>Flask --version
Python 3.10.1
Flask 2.2.2
Werkzeug 2.2.2

C:\Users\bala3_000>
```

Flask Code:

```
from flask import Flask
```

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

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

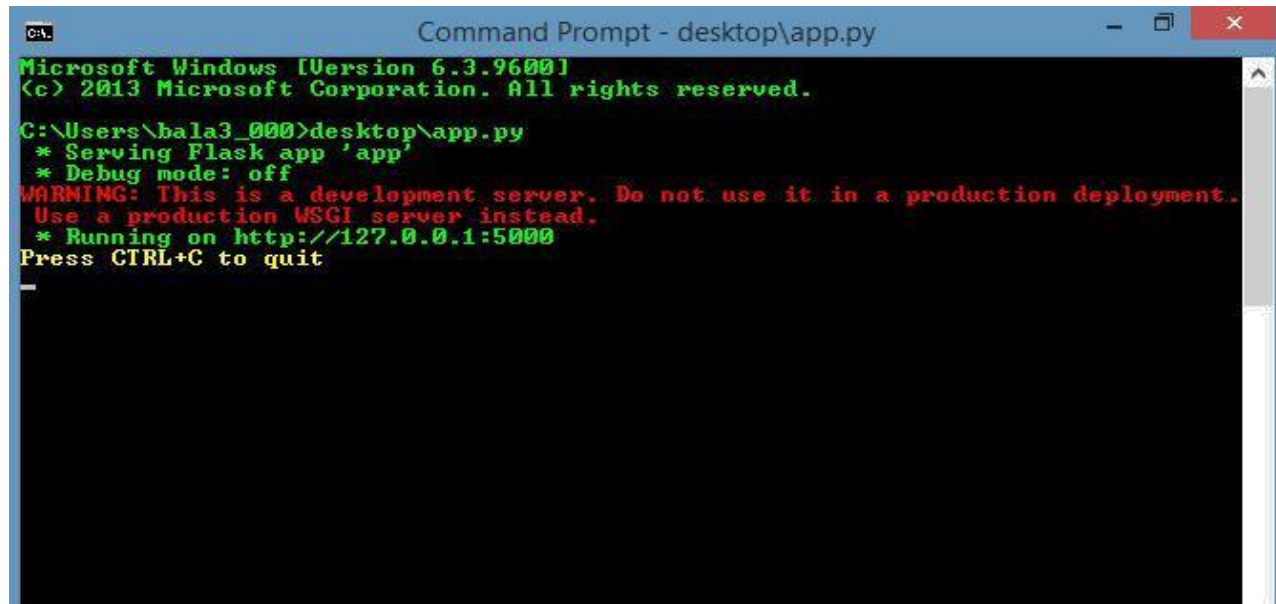
```
def hello_world():
```

```
    return 'Hello World'
```

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

```
    app.run()
```

Run Flask Server:



```
Command Prompt - desktop\app.py
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\bala3_000>desktop\app.py
* Serving Flask app 'app'
* 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
```

Output:

