Setting Up Application Environment

Create Flask Project

Date	22 October 2022
Team ID	PNT2022TMID16280
Project Name	CONTAINMENT ZONE ALERTING

Flask Project

Spyder (Python 3.9)

File   Edit   Search   Source   Run   Debug   Consoles   Projects   Tools   View   Help

C:\Users\rvika

D:\IBM\flask-project\flask-project\app.py

temp.py   app.py

```
1   # Importing flask module in the project is mandatory
2   # An object of Flask class is our WSGI application.
3   from flask import Flask
4
5   # Flask constructor takes the name of
6   # current module (__name__) as argument.
7   app = Flask(__name__)
8
9   # The route() function of the Flask class is a decorator,
10  # which tells the application which URL should call
11  # the associated function.
12  @app.route('/')
13  # '/' URL is bound with hello_world() function.
14  def hello_world():
15      return 'Hello World'
16
17  # main driver function
18  if __name__ == '__main__':
19
20      # run() method of Flask class runs the application
21      # on the local development server.
22      app.run()
23
```

Source   Console   Object

Usage

Here you can get help of any object by pressing **Ctrl+I** in front of it, either on the Editor or the Console.

Help can also be shown automatically after writing a left parenthesis next to an object. You can activate this behavior in *Preferences > Help*.

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Help   Variable Explorer   Plots   Files

Console 1/A

```
Python 3.9.12 (main, Apr  4 2022, 05:22:27) [MSC v.1916 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

IPython 8.2.0 -- An enhanced Interactive Python.

In [1]: runfile('D:/IBM/flask-project/flask-project/app.py', wdir='D:/IBM/flask-project/flask-project')
 * Serving Flask app "app" (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: off
 * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

IPython console   History

LSP Python: ready   conda: base (Python 3.9.12)   Line 23, Col 1   UTF-8-GUESSED   CRLF   RW   Mem 85%

127.0.0.1:5000

Hello World