

Configuration of Project Environment

This is an Python and Flask based web UI client and REST API that returns the sum of three integers.

Overview on How to Run this API

1. Install Git and clone from source <https://github.com/Mak2006/python-rest-app-cont.git>
2. Install Python and Flask.
3. Additionally install curl and pytest to test modules. packages required
4. Import the project python-rest-app-cont into PyCharm IDE
5. Run server.py:
6. The app comes with a UI - This would be available at <http://127.0.0.1:5000/> This can be used to test the API.
7. The API can also be invoked by curl. This is as below.

```
curl -d "number1=33&number2=44&number3=55" -X POST  
http://127.0.0.1:5000/mathapp/api/v1.o/add
```
8. The app comes with log available at
C:/log/mathapp.log
9. The app makes certain assumptions detailed below. It also gives the development ideology.
<https://github.com/Mak2006/python-rest-app-cont/blob/master/README.md>

Endpoints of the server API

1. UI at <http://127.0.0.1:5000/>
2. API Endpoint at <http://127.0.0.1:5000/mathapp/api/v1.o/add>