

IoT Homework: HTTP

Deadline: Before **Saturday, 20 February, 23:59**

Note: The assignment should be done and submitted in a team (your lab team).

Aim

Complete the functions given in the python class ServerApi and main file.

Given

The "[assignment](#)" folder contains 4 files. The files and their contents are as follows:

1. [api.py](#)
Contains the ServerApi class with boilerplate API implementation functions. **To be completed.**
2. [main.py](#)
Contains boilerplate code for implementing the two use cases. **To be completed.**
3. [api.html](#)
API documentation for IoT Server API needed for completing functions in api.py.
4. [requirements.txt](#)
Install python packages given in the file.

Instructions for completing individual functions are documented within the code files.

Your username and password is your team name in lower case with spaces omitted except in case of username you append "@cs684.edu". Team names were picked up from your subsequent MS Teams channel.

For e.g. if your team name is "**Circuitile Disfunction**", then your username is circuitiledisfunction@cs684.edu and password is **circuitiledisfunction**.

Procedure

The [API documentation](#) contains information about how to use the HTTP API along with examples. A requests library tutorial <https://realpython.com/python-requests/> and [documentation](#).

Expected Output

Input and outputs of each function of the ServerApi class should match with the code that you have written.

Submission Instructions

Zip the **assignment** folder after completing the code. Name it **http_hw_<teamname>.zip** and upload it to files section of your team's channel.