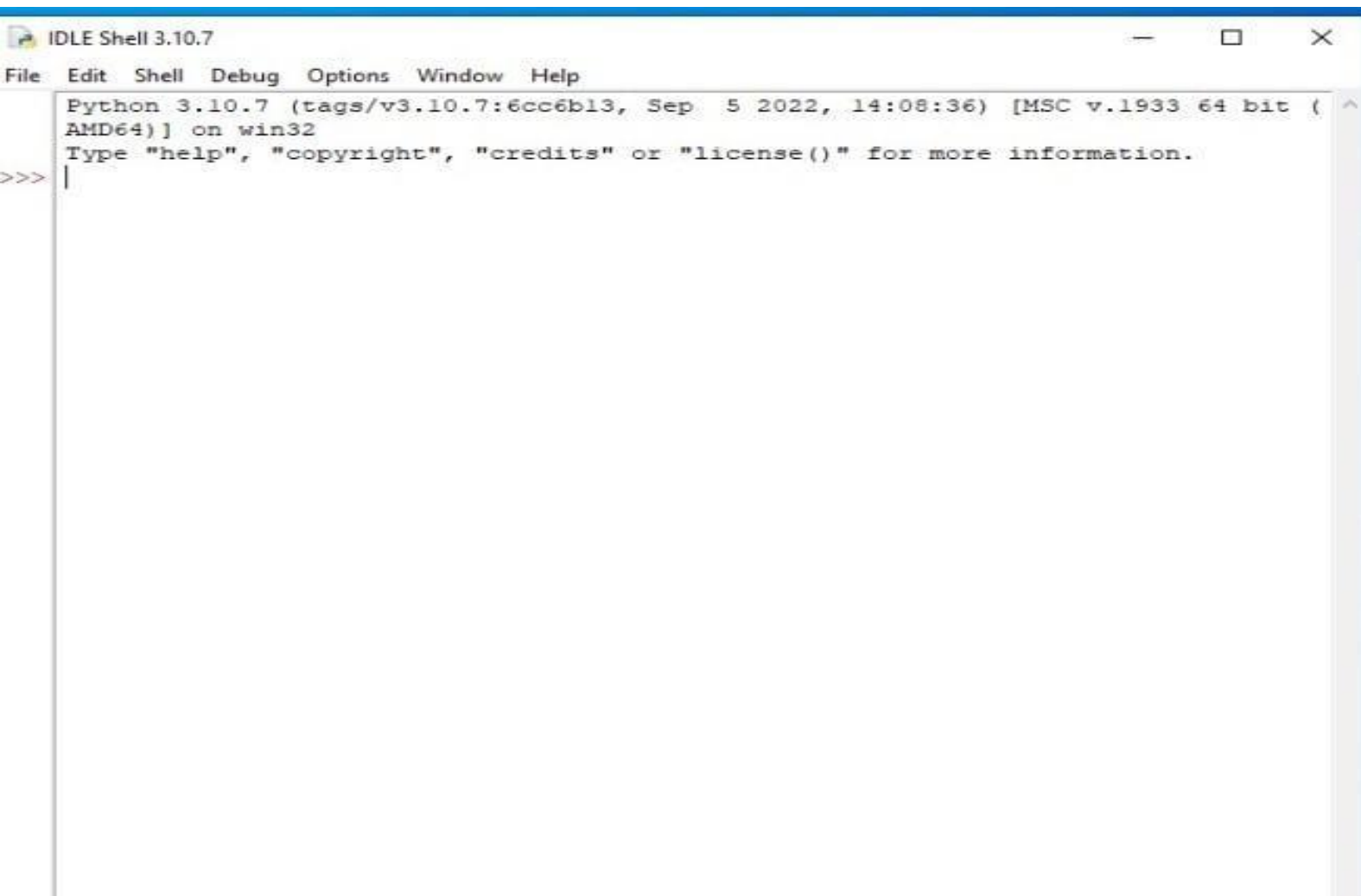


SOFTWARE

Date	04 November 2022
Team ID	PNT2022TMID13542
Project Name	Hazardous area monitoring industrial power plant by using iot
Maximum Marks	4 Marks

PYTHON IDLE

A screenshot of the Python IDLE Shell 3.10.7 window. The window has a blue title bar with the text 'IDLE Shell 3.10.7' and standard window controls (minimize, maximize, close). Below the title bar is a menu bar with the following items: File, Edit, Shell, Debug, Options, Window, and Help. The main text area displays the following text: 'Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32'. Below this, it says 'Type "help", "copyright", "credits" or "license()" for more information.' The prompt '>>>' is visible on the left side of the text area, followed by a vertical cursor line.

WATSON IoT PYTHON SDK INSTALLATION

```
Collecting iso8601>=0.1.12
  Downloading iso8601-1.1.0-py3-none-any.whl (9.9 kB)
Collecting pytz>=2018.9
  Downloading pytz-2022.6-py2.py3-none-any.whl (498 kB)
----- 498.1/498.1 kB 1.2 MB/s eta 0:00:00
Collecting pyyaml>=3.13
  Downloading PyYAML-6.0-cp310-cp310-win_amd64.whl (151 kB)
----- 151.7/151.7 kB 531.6 kB/s eta 0:00:00
Collecting paho-mqtt>=1.5.0
  Downloading paho-mqtt-1.6.1.tar.gz (99 kB)
----- 99.4/99.4 kB 713.1 kB/s eta 0:00:00
Preparing metadata (setup.py) ... done
Requirement already satisfied: requests>=2.21.0 in c:\users\praveena\appdata\local\programs\python\python310\lib\site-packages (from wiotp-sdk) (2.28.1)
Collecting requests_toolbelt>=0.8.0
  Downloading requests_toolbelt-0.10.1-py2.py3-none-any.whl (54 kB)
----- 54.5/54.5 kB 702.9 kB/s eta 0:00:00
Requirement already satisfied: charset-normalizer<3,>=2 in c:\users\praveena\appdata\local\programs\python\python310\lib\site-packages (from requests>=2.21.0->wiotp-sdk) (2.1.1)
Requirement already satisfied: idna<4,>=2.5 in c:\users\praveena\appdata\local\programs\python\python310\lib\site-packages (from requests>=2.21.0->wiotp-sdk) (3.4)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\praveena\appdata\local\programs\python\python310\lib\site-packages (from requests>=2.21.0->wiotp-sdk) (1.26.12)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\praveena\appdata\local\programs\python\python310\lib\site-packages (from requests>=2.21.0->wiotp-sdk) (2022.9.24)
Using legacy 'setup.py install' for wiotp-sdk, since package 'wheel' is not installed.
Using legacy 'setup.py install' for paho-mqtt, since package 'wheel' is not installed.
Installing collected packages: pytz, paho-mqtt, pyyaml, iso8601, requests_toolbelt, wiotp-sdk
  Running setup.py install for paho-mqtt ... done
```