

SOFTWARE

Date	04 November 2022
Team Id	PNT2022TMID14029
Project Name	Gas Leakage Monitoring and Alerting System for Industries

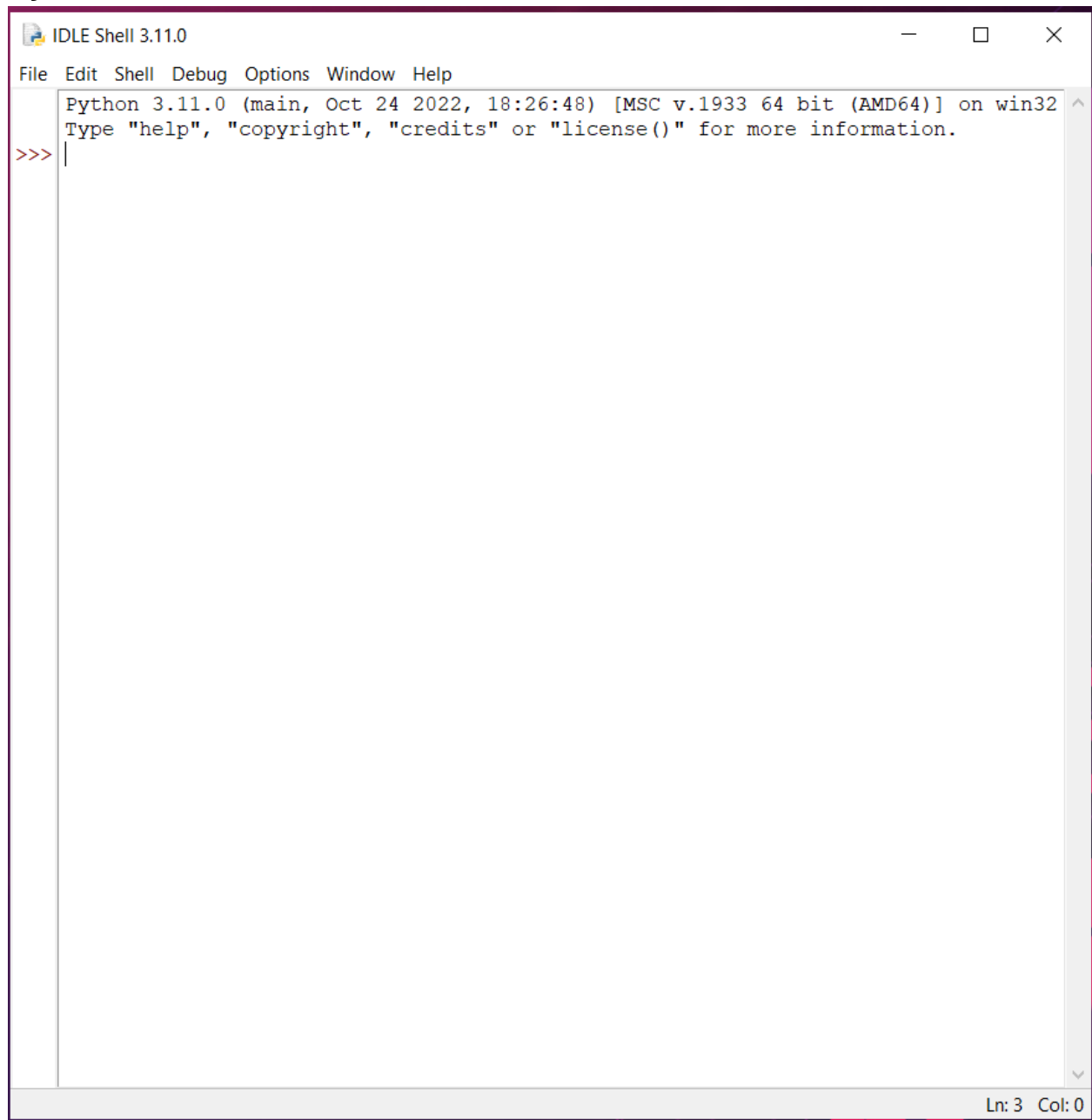
WATSON IOT PYTHON SDK INSTALLATION

```
Microsoft Windows [Version 10.0.19045.2130]
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C:\Users\ASUS>pip install wiotp-sdk
Collecting wiotp-sdk
  Downloading wiotp-sdk-0.11.0.tar.gz (96 kB)
    ----- 96.2/96.2 kB 914.3 kB/s eta 0:00:00
  Preparing metadata (setup.py) ... done
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 945.4 kB/s eta 0:00:00
Collecting pyyaml>=3.13
  Downloading PyYAML-6.0-cp311-cp311-win_amd64.whl (143 kB)
    ----- 143.2/143.2 kB 1.1 MB/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 958.4 kB/s eta 0:00:00
  Preparing metadata (setup.py) ... done
Collecting requests>=2.21.0
  Using cached requests-2.28.1-py3-none-any.whl (62 kB)
Collecting requests_toolbelt>=0.8.0
  Downloading requests_toolbelt-0.10.1-py2.py3-none-any.whl (54 kB)
    ----- 54.5/54.5 kB 942.2 kB/s eta 0:00:00
Collecting charset-normalizer>=3.2
  Using cached charset-normalizer-2.1.1-py3-none-any.whl (39 kB)
Collecting idna>=2.5
  Using cached idna-3.4-py3-none-any.whl (61 kB)
Collecting urllib3<1.27, >=1.21.1
  Using cached urllib3-1.26.12-py2.py3-none-any.whl (140 kB)
Collecting certifi>=2017.4.17
  Using cached certifi-2022.9.24-py3-none-any.whl (161 kB)
Installing collected packages: pytz, paho-mqtt, urllib3, pyyaml, iso8601, idna, charset-normalizer, certifi, requests, requests_toolbelt, wiotp-sdk
  DEPRECATION: paho-mqtt is being installed using the legacy 'setup.py install' method, because it does not have a 'pyproject.toml' and the 'wheel' package is not installed. pip 23.1 will enforce this behaviour change. A possible replacement is to enable the '--use-pep517' option. Discussion can be found at https://github.com/pypa/pip/issues/8559
  Running setup.py install for paho-mqtt ... done
WARNING: Failed to write executable - trying to use .delete logic
ERROR: Could not install packages due to an OSError [WinError 2] The system cannot find the file specified: 'C:\\Python311\\Scripts\\normalizer.exe' -> 'C:\\Python311\\Scripts\\normalizer.exe.delete'

[notice] A new release of pip available: 22.3 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip
```

Python idle



The image shows a screenshot of the Python IDLE Shell 3.11.0 window. The window has a title bar with the text "IDLE Shell 3.11.0" and standard window controls (minimize, maximize, close). Below the title bar is a menu bar with the following options: File, Edit, Shell, Debug, Options, Window, and Help. The main area of the window is a text editor displaying the Python 3.11.0 startup message: "Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32". Below this message, the text "Type 'help', 'copyright', 'credits' or 'license()' for more information." is displayed. The prompt ">>>" is visible on the left side of the text editor, followed by a vertical cursor. The status bar at the bottom right of the window shows "Ln: 3 Col: 0".

```
Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> |
```

Ln: 3 Col: 0