SPRINT-1

PYTHON IDE INSTALLATION

TEAM ID	PNT2022TMID32056
PROJECT DOMAIN	INTERNET OF THINGS
PROJECT TITLE	IoT BASED SMART CROP PROTECTION SYSTEM FOR
	AGRICULTURE
DATE	29 OCTOBER 2022

Python is a computer programming language often used to build websites and software, automate tasks, and conduct data analysis. Python is a general-purpose language, meaning it can be used to create a variety of different programs and isn't specialized for any specific problems.

STEP 1:

• Python is installed successfully

```
| Python 3.8.4 (tags/v3.8.4:dfa645a, Jul 13 2020, 16:46:45) [MSC v.1924 64 bit (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information.

>>> print("hello world") | Python 3.8.4 (tags/v3.8.4:dfa645a, Jul 13 2020, 16:46:45) [MSC v.1924 64 bit (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information.

>>> print("hello world") | Python 3.8.4 (tags/v3.8.4:dfa645a, Jul 13 2020, 16:46:45) [MSC v.1924 64 bit (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information.
```

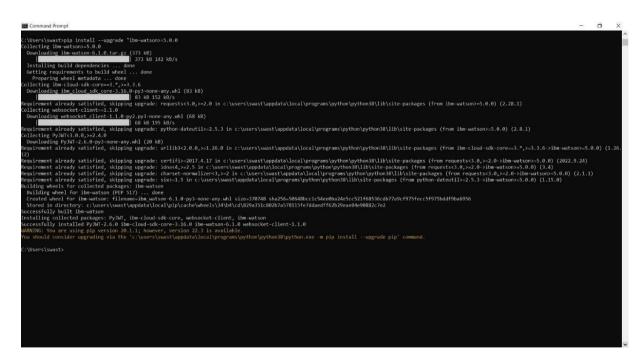
STEP 2:

- The required python libraries are installed.
- Watson IoT Python SDK to connect to IBM Watson IoT Platform using python code is installed

• pip install wiotp-sdk



- Python client library for IBM Text to Speech is installed
- pip install --upgrade "ibm-watson>=5.0.0



• Required libraries for Cloud object storage is installed.

• pip install ibm-cos-sdk

```
C. Ulsers') sast typig install i Be-cos-sik
Collecting the cos-sik
Demonstrate in the cos-six core-size of the cos-six co
```

• pip install -U ibm-cos-sdk



• pip install boto3

```
Consequence of the consequence o
```

• pip install resources



• pip install cloudant

