

Developing A Python Script

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Team ID	PNT2022TMID33206
Project Name	IoT Based Smart Crop Protection System for Agriculture

The screenshot displays the IBM Watson IoT Platform dashboard on the left and a Python 3.7.0 Shell terminal window on the right.

IBM Watson IoT Platform Dashboard:

- Header:** IBM Watson IoT Platform, 922119106040@smartinternz.com, ID: us27lh.
- Navigation:** Browse, Action, Device Types, Interfaces, Add Device (+).
- Search:** Search by Device ID, Device Simulator (toggle), Filter icon.
- Table:**

Device ID	Status	Device Type	Class ID	Date Added
KEERTHIKA123	Connected	CROP	Device	Oct 31, 2021 PM
- Tabs:** Identity, Device Information, Recent Events, State, Logs.
- Text:** The recent events listed show the live stream of data that is coming and going from the device.
- Table:**

Event	Value	Format
IoT Sensor	{"temp":106,"Humid":75}	json
IoT Sensor	{"temp":100,"Humid":79}	json
IoT Sensor	{"temp":92,"Humid":90}	json

Python 3.7.0 Shell Terminal:

```
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: D:/ibm python/python script.py =====
2022-11-16 19:52:33,189 ibmiotf.device.Client INFO Connected successfully: d:us27lh:CROP:KEERTHIKA123
Published Temperature = 93 C Humidity = 76 % to IBM Watson
Published Temperature = 95 C Humidity = 99 % to IBM Watson
Published Temperature = 92 C Humidity = 90 % to IBM Watson
Published Temperature = 100 C Humidity = 79 % to IBM Watson
Published Temperature = 106 C Humidity = 75 % to IBM Watson
```