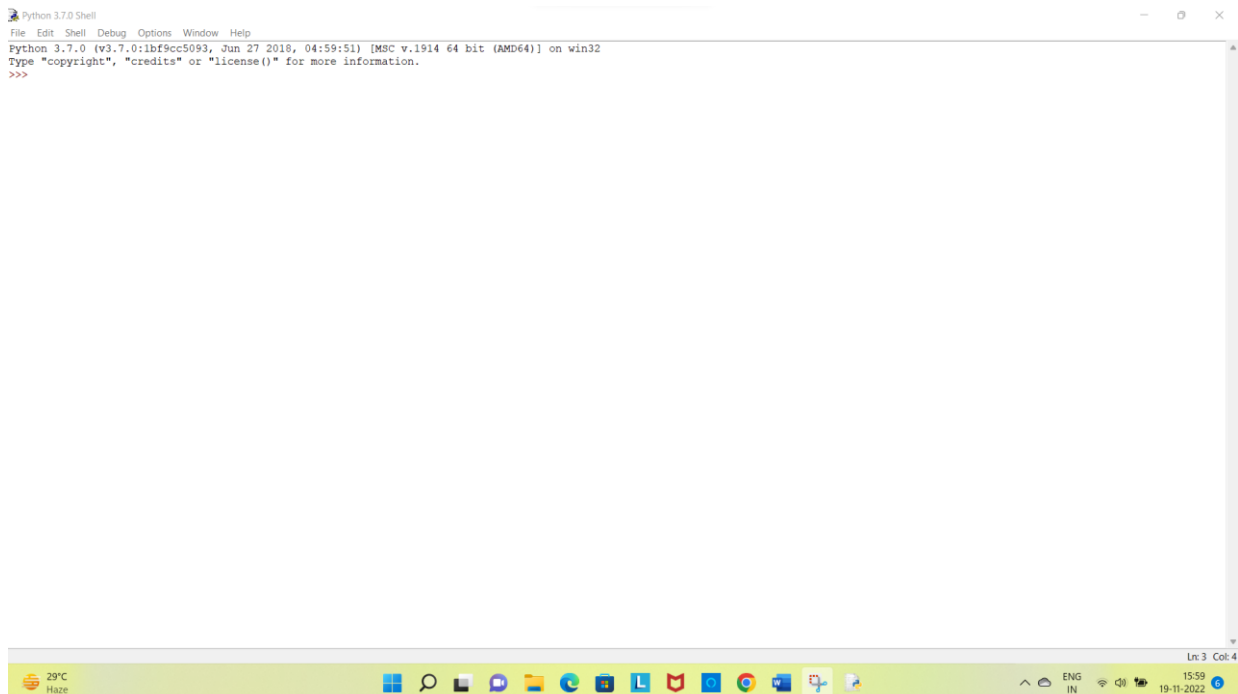


# PREREQUISITES

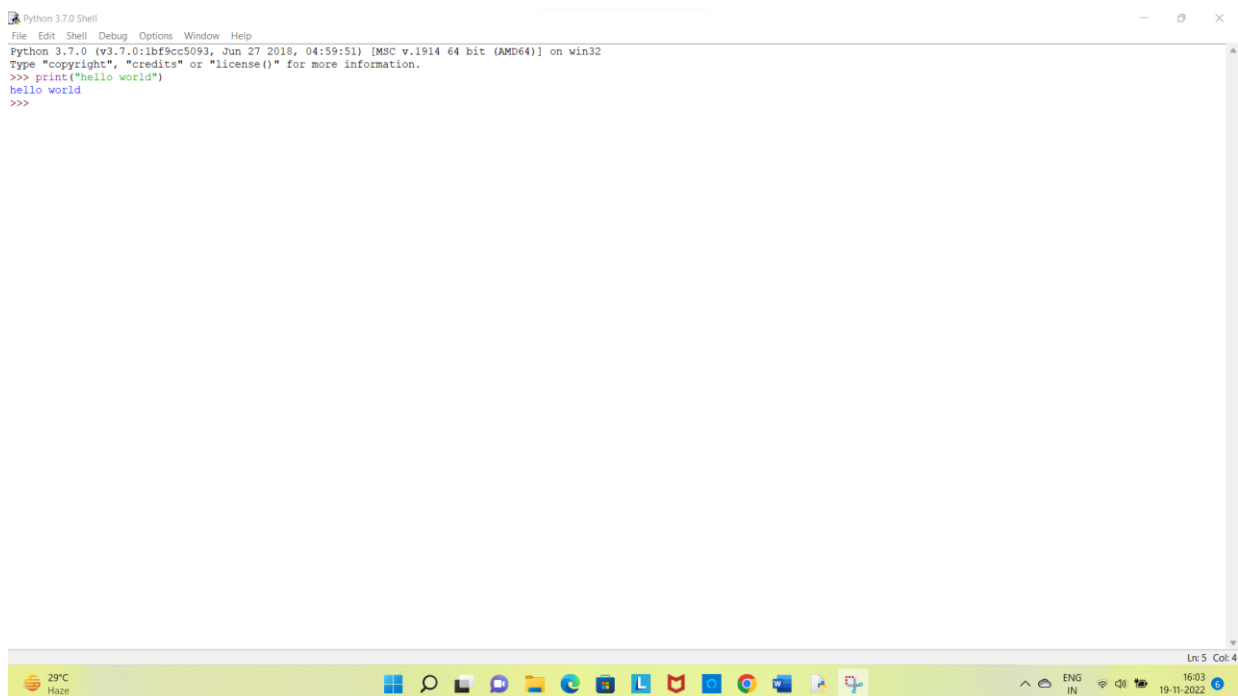
TEAM ID: PNT2022TMID54441

PROJECT NAME: IoT based smart crop protection system for  
Agriculture

## SOFTWARE



```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
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.
>>>
```



```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
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.
>>> print("hello world")
hello world
>>>
```

Command Prompt

Microsoft Windows [Version 10.0.19043.2130]  
(c) Microsoft Corporation. All rights reserved.

C:\Users\sruthi priya>pip install ibmiotf

Requirement already satisfied: ibmiotf in c:\fossee\kicad\lib\python2.7\site-packages

Requirement already satisfied: iso8601>=0.1.12 in c:\fossee\kicad\lib\python2.7\site-packages (from ibmiotf)

Requirement already satisfied: pytz>=2017.3 in c:\fossee\kicad\lib\python2.7\site-packages (from ibmiotf)

Requirement already satisfied: paho-mqtt>=1.3.1 in c:\fossee\kicad\lib\python2.7\site-packages (from ibmiotf)

Requirement already satisfied: requests>=2.18.4 in c:\fossee\kicad\lib\python2.7\site-packages (from ibmiotf)

Requirement already satisfied: requests\_toolbelt>=0.8.0 in c:\fossee\kicad\lib\python2.7\site-packages (from ibmiotf)

Requirement already satisfied: certifi>=2017.4.17 in c:\fossee\kicad\lib\python2.7\site-packages (from requests>=2.18.4-

>ibmiotf)

Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\fossee\kicad\lib\python2.7\site-packages (from requests>=2.18

.4->ibmiotf)

Requirement already satisfied: idna<3,>=2.5; python\_version < "3" in c:\fossee\kicad\lib\python2.7\site-packages (from r

quests>=2.18.4->ibmiotf)

Requirement already satisfied: chardet<5,>=3.0.2; python\_version < "3" in c:\fossee\kicad\lib\python2.7\site-packages (f

rom requests>=2.18.4->ibmiotf)

You are using pip version 9.0.1, however version 22.3.1 is available.

You should consider upgrading via the 'python -m pip install --upgrade pip' command.

C:\Users\sruthi priya>