

PRE REQUISITES

SOFTWARE

Date	18 Nov 2022
Team ID	PNT2022TMID04713
Project Name	IOT Based Smart Crop Protection System for Agriculture

PYTHON 3.10.4 Latest version was installed

The image displays four screenshots of the IDLE 3.10.4 Python IDE, arranged in a 2x2 grid, showing the development and execution of a Python script.

Top Left Screenshot: The script editor window titled "sample.py - C:/Users/RITHI/Desktop/sample.py (3.10.4)" shows the following code:

```
weather = 'sunny'

if weather == 'rain':
    print('Field have humidity')
    print('So work need, Rain is enough')
else:
    print('Water is needed')
```

Top Right Screenshot: The IDLE Shell window titled "IDLE Shell 3.10.4" shows the initial state after running the script. It displays the Python version and architecture information, followed by a restart message and the output "Water is needed".

```
Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/RITHI/Desktop/sample.py =====
Water is needed
>>>
```

Bottom Left Screenshot: The IDLE Shell window shows the output after changing the weather variable to 'rain'. It displays the output "Field have humidity" and "So work need, Rain is enough".

```
>>>
===== RESTART: C:/Users/RITHI/Desktop/sample.py =====
Field have humidity
So work need, Rain is enough
>>>
```

Bottom Right Screenshot: The script editor window shows the code with the weather variable changed to 'rain'.

```
weather = 'rain'

if weather == 'rain':
    print('Field have humidity')
    print('So work need, Rain is enough')
else:
    print('Water is needed')
```