

Date	10 November 2022
Team id	PNT2022TMID11082
Project name	SmartFarmer -IoT Enabled Smart Farming Application
Maximum marks	4marks

PROGRAM:

```
import wiotp.sdk.device
import time
import os
```

```
random myConfig = { "identity":
```

```
import datetime
import "orgId": "00hd1v". "typeId": "NodeMCU", "deviceId":
"1234"
```

```
},
"auth": {
```

```
"token": "87654321"
```

```
}
}
```

```
client = wiotp.sdk.device.DeviceClient (config=myConfig. logHandlers=None)
client.connect()
```

```
def myCommandCallback (cmd):
```

```
print ("Message received from IBM IoT Platform: %s" % cmd.data['command'])
m=cmd.data['command']
```

```
if (m=="motoron"):
```

```
print ("Motor is switched on")
```

```
elif (m=="motoroff"):
```

```
print
```

```
("Motor is switched OFF")
```

```
print ("")
```

```
while True:
```

```
soil=random.randint (0,100)
```

```
temp=random.randint (-20, 125)
```