

TEAM ID: PNT2022TMID21674

SMART WASTE MANAGEMENT SYSTEM

PYTHON SCRIPT

```
smart waste.py - C:/Users/HAMDHAN/Downloads/smart waste.py (3.7.0)
File Edit Format Run Options Window Help
import requests
import json
import ibmiotf.application
import ibmiotf.device
import time
import random
import sys

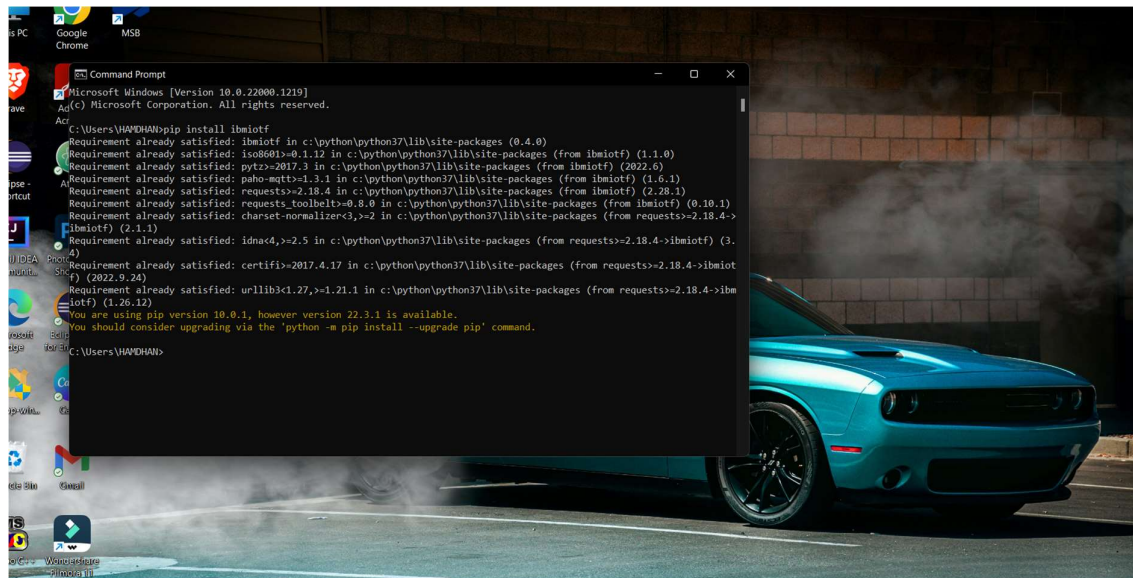
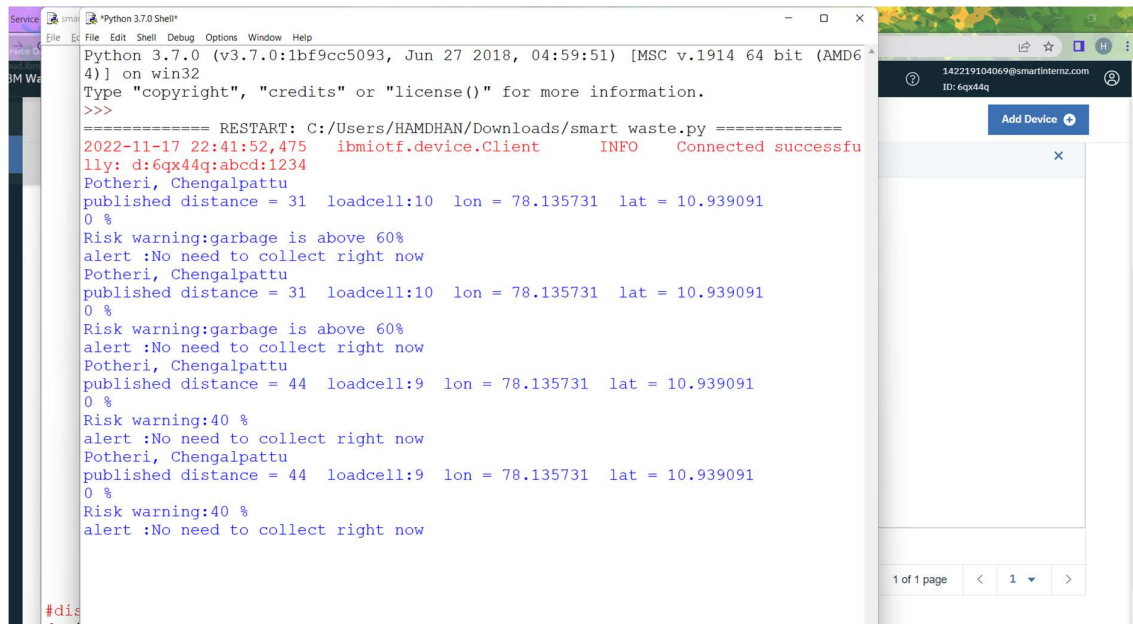
# watson device details

organization = "6qx44q"
devicType = "abcd"
deviceId = "1234"
authMethod= "token"
authToken= "12345678"

#generate random values for randomo variables (temperature&humidity)

def myCommandCallback(cmd):
    global a
    print("command recieved:%s" %cmd.data['command'])
    control=cmd.data['command']
    print(control)

try:
    deviceOptions={"org": organization, "type": devicType,"id": deviceId,"au
    deviceCli = ibmiotf.device.Client(deviceOptions)
except Exception as e:
    print("caught exception connecting device %s" %str(e))
    sys.exit()
```



PUBLISHING PYTHON CODE WITH IBM CLOUD

