FINAL PROJECT CODING

DATE	18 NOVEMBER 2022
TEAM ID	PNT2022TMID49507
PROJECT NAME	PROJECT-IOT based safety gadgets for child safety
	monitoring and notification

PROJECT FINAL CODING:

import time

import sys

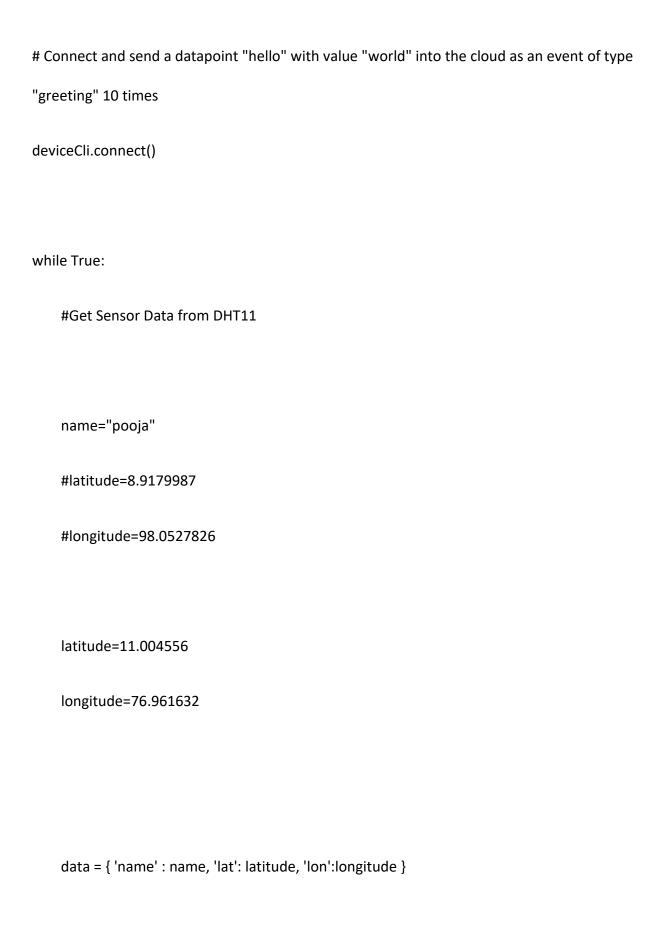
import ibmiotf.application

import ibmiotf.device

import random

#Provide your IBM Watson Device Credentials

```
organization = "8bchp4"
deviceType = "pdharani"
deviceId = "12345678"
authMethod = "token"
authToken = "12345678"
try:
      deviceOptions = {"org": organization, "type": deviceType, "id": deviceId, "auth-method":
authMethod, "auth-token": authToken}
      deviceCli = ibmiotf.device.Client(deviceOptions)
      #.....
except Exception as e:
      print("Caught exception connecting device: %s" % str(e))
      sys.exit()
```



```
#print data
    def myOnPublishCallback():
      print ("Published name = %s " % name, "lat = %s " % latitude, "lon = %s " % longitude, "to
IBM Watson")
    success = deviceCli.publishEvent("IoTSensor", "json", data, qos=0,
on_publish=myOnPublishCallback)
    if not success:
      print("Not connected to IoTF")
    time.sleep(5)
    deviceCli.commandCallback = 'myCommandCallback'
client.disconnect()
```