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| Team id | PNT2022TMID22515 |
| Project Name | IoT based safety gadget for child safety monitoring and notification |

Final code: import random as rand import time import ibmiotf.application import ibmiotf.device import sys import imdb

#defining credentials of device organization = "aa13kc" deviceType = "Vijay2001" deviceId = "1234567" authMethod = "token" authToken = "Yd-6ozY-S6BLhM0vkw"

def myCommandCallback(cmd):

print("Command received: %s" % cmd.data['command'])

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()

deviceCli.connect() while True:

name= "Child Location" #latitude= 10.908532

#longitude= 76.979312

latitude= 10.952114 longitude= 76.956643

data = {'name':name,'lat' : latitude,

'lon': longitude}

def myOnPublishCallback():

print("Published all data to IBM Watson :",latitude," ,",longitude)

success = deviceCli.publishEvent("Iottracker","json",data,qos=0,on\_publish=myOnPublishCallback)

if not success: print("Not connected to IoT Device") time.sleep(10)

deviceCli.commandCallback = myCommandCallback

deviceCli.disconnect()