**BUILD A PYTHON CODE,ASSUME YOU GET TEMPERATURE AND HUMIDITY VALUES AND WRITE A CONDITION TO CONTINUOUSLY DETECT ALARM IN CASE OF HIGH TEMPERATURE**

**Domain :**

Internet of Things

**ASSIGNMENT 2**

**By,**

GIRITHARAN D (953619106021)

ARUMUGA VISWANATH P (953619106007)

ARAVIND M(953619106006)

CHIDHAMBARANATHAN R (953619106009)

**Code:**

import random

def sensor (temp, hum) : #defining sensor function contains arguments temperature and humidity

if (temp>100 and hum>100) : #checking condition if it exists optimum temperature and humidity

print("ALERT-TEMPRATUE IS ABOVE THRESHOLD")

else:

print ("NORMAL TEMPRATURE")

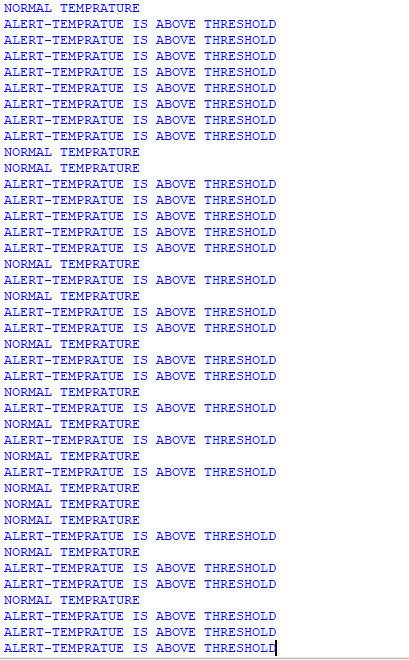
while (1):

temp = random.randrange (30, 500) #creating a random function with limit for temperature

hum = random.randrange (30, 500) #creating a random function with limit for humidity

sensor (temp, hum) #calling sensor function

**Simulation:**

****