**Assignment 2: Build a python code, Assume u get temperature and humidity values (generated with a random function to a variable) and write a condition to detect an alarm in case of high temperature continuously**

while True:

humidity, temperature = Adafruit\_DHT.read\_retry(dht22\_sensor, DHT\_DATA\_PIN)

if humidity is not None and temperature is not None:

print('Temp={0:0.1f}\*C Humidity={1:0.1f}%'.format(temperature, humidity))

# Send humidity and temperature feeds to Adafruit IO

temperature = '%.2f'%(temperature)

humidity = '%.2f'%(humidity)

aio.send(temperature\_feed.key, str(temperature))

aio.send(humidity\_feed.key, str(humidity))

else:

print('Failed to get DHT22 Reading, trying again in ', DHT\_READ\_TIMEOUT, 'seconds')

# Timeout to avoid flooding Adafruit IO

time.sleep(DHT\_READ\_TIMEOUT)