PYTHON PROGRAM FOR TEMPERATURE ALARM

```
import time
import DHT
DHT_READ_TIMEOUT = 5
DHT_DATA_PIN = 26
GPIO RPi.GPIO as GPIO
GPIO.setmode(GPO.BCM)
dht22_sensor = DHT.DHT22
#set buzzer –pin 23 as output
Buzzer =23;
temperature_feed = aio.feeds('temperature')
humidity_feed = aio.feeds('humidity')
while True:
   humidity, temperature = 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))
      temperature = '%.2f'%(temperature)
      humidity = '%.2f'%(humidity)
      aio.send(temperature_feed.key, str(temperature))
      aio.send(humidity_feed.key, str(humidity))
    if(temperature>30);
                GPIO.output(buzzer.GPIO.HIGH)
                Print(“Beep”)
                Sleep(0.5)
    else
                GPIO.output(buzzer,GPIO.LOW)
                Print(“No beep”)
                Sleep(0.5)
 else:
```

```
    print('Failed to get DHT22 Reading, trying again in ', DHT_READ_TIMEOUT, 'seconds')
time.sleep(DHT_READ_TIMEOUT)
```