

IBM NALAIYA THIRAN

ASSIGNMENT-2

NAME: VIJAYA DHARSHINI R

REG.NO:727819TUEC248

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

Code:

```
#from machine import Pin
import random
from time import sleep
#btn=Pin(4,Pin.IN)
while True:
    temp = random.randint(1,100)
    print("current temp=",temp)
    humid = random.randint(1,100)
    print("current humid=",humid)
    if(temp>=50 and humid<35):
        print("Alarm On")
    else:
        print("Alarm Off")
    sleep(2)
```

