Python code:

import random

from time import \*

item=True

while(item):

t=random.randint(0,50)

h=random.randint(10,50)

if t>45 and h<40:

print("Temperature=",t,"Humidity=",h)

print("ALARM ON")

item=False

else:

print("Temperature=",t,"Humidity=",h)

sleep(1)

Output:

