***Program:***

import random

while(True):

a=random.randint(10,99)

b=random.randint(10,99)

if(a>35 and b>60):

print("high temperature and humidity of:",a,b,"%","alarm is on")

elif(a<35 and b<60):

print("Normal temperature and humidity of:",a,b,"%","alarm is off")

break

***OUTPUT:***

