#ASSIGNMENT-2

"""Build a python code,Assume u get Temperature and Humidity values (generated with random function to a variable ) and write a condition to continuously detect alarm in case of high temperature """

```
import random
import time
while(1):
  temperature=random.randint(0,200)  #TO GENERATE RANDOM NUMBER FOR TEMPERATURE
print("Temperature="+str(temperature)+"°F")
  print("Temperature in celcius : "+str(((temperature-32)*5)//9)+"°C")
  if(temperature>50):       #IF TEMPERATURE GOES HIGH THEN ALARM IS ON
     print("Temperature is too high")
     print("The Alarm is ON")
  else:      #TEMPERATURE VALUE GOES NORMAL THEN ALARM IS OFF
     print("Temperature is normal")
     print("The Alarm is OFF")
  humidity=random.randint(0,100)  #TO GENERATE RANDOM NUMBER FOR HUMIDITY
  print("Humidity="+str(humidity)+"%")
  if(humidity<50):
     print("Humdity is less than 50")
  else:
      print("humidity is greater than 50")
  time.sleep(2)
```