Assignment 2

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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.

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| Code | Output |
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| import random  from time import \*  gate=True  while(gate):  t = random.randint(0,50)  h = random.randint(10,50)  if t>45 and h<40:  print("Temperature =",t,"Humidity =",h)  print("ALARM ON")  gate=False  else:  print("Temperature =",t,"Humidity",h)  sleep(1); | =============== RESTART: C:/Users/hp/Desktop/assignment 2 arul.py ==============  Temperature = 0 Humidity 38  Temperature = 27 Humidity 49  Temperature = 18 Humidity 30  Temperature = 37 Humidity 40  Temperature = 5 Humidity 42  Temperature = 48 Humidity = 21  ALARM ON |