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# ASSIGNMENT-2

#Build a python code to get temperature and humidity generated with random numbers and write a condition to continuosly detect alarm in case of high temperature and humidity

import random import time

def get\_temp():

return random.randint(0, 100)

def get\_humidity():

return random.randint(0, 100)

def check\_temp(temp):

if temp > 90: print("Temperature is too high") return True

else:

return False

def check\_humidity(humidity): if humidity > 70: print("Humidity is too high") return True

else:

return False

def main():

while True:

temp = get\_temp() humidity = get\_humidity() if check\_temp(temp) or check\_humidity(humidity):

print("ALARM") else:

print("Everything is fine")

time.sleep(1)

if name == " main ": main()

**OUTPUT:**

