# Assignment -2

Python Programming

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# Question-1:

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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| **Solution:** |
| import time from random  import rand  int file=open("data.txt","a")  n=5  for i in range(n):  humidity=randint(0,100)+1    temperature=randint(-100,100)+1  if humidity>50:  print("\n \n Humidity High")  print(humidity)  file.write("\nHumidity")  file.write(str(humidity)) if temperature>50:  print("Temperature High")  print(temperature)    file.write('\nTemperature')  file.write(str(temperature))  time.sleep(1)  file.close() |

