

Assignment -2

Python Programming

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.

Solution:

```
import time
from random import randint
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()
```

