

Assignment -2
Python Program

Assignment Date	21 September 2022
Student Name	Mr. Yogeshwaran
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Maximum Marks	2 Marks

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.

Program:

```
import random

def temp(t):
    if(t>36 and t<80):
        print("alarm ring high")
    elif(t>-7 and t<36):
        print(t)
    elif(t<-5):
        print("alarm ring low")
        print(t)
def hum(h):
    if(h>36 and h<80):
        print("alarm ring high")
    elif(h>-7 and h<36):
        print(t)
    elif(h<-5):
        print("alarm ring low")
        print(h)
i=0
while i<5:
    h=random.randint(0,100)
    t=random.randint(-
40,50)
```

temp(t)

hum(h)

i+=1