

## AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

**Team ID :** PNT2022TMID23984

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**Assignment:** Build a python code. Assume u get temperature and humidity values and write a condition to continuously detect alarm in case of high temperature

**Date:**28-09-2022

**CODE:**

```
import random
while(True):
    temp=random.randint(10,99)
    humid=random.randint(10,99)

    print("current temperature:",temp)
    print("current humidity:",humid,"%")
    temp_ref=37
    humid_ref=35
    if temp>temp_ref and humid<humid_ref:
        print("Sound Alarm")
    else:
        print("Sound off")
    break
```

## PROGRAMME:

sss.py - C:\Users\rahim\AppData\Local\Programs\Python\Python39\sss.py (3.9.4)

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```
import random
while(True):
    temp=random.randint(10,99)
    humid=random.randint(10,99)

    print("current temperature:",temp)
    print("current humidity:",humid,"%")
    temp_ref=37
    humid_ref=35
    if temp>temp_ref and humid<humid_ref:
        print("Sound Alarm")
    else:
        print("Sound off")
    break
```

## Output :

```
===== RESTART: C:\Users\rahim\AppData\Local\Programs\Python\Python39\sss.py =====
current temperature: 76
current humidity: 15 %
Sound Alarm
```