ASSIGNMENT 2

COLLEGE NAME : **KCG COLLEGE OF TECHNOLOGY**
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DATE : **23-09-2022**

Build a python code, Assume u get temperature and humidity values (generated with random function to a variable) and writea condition to continuously detect alarm in case of high temperature.

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
```

Result:

main.py   Run   Shell

```python
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
```

```
current temperature: 65
current humidity: 80 %
Sound off
>
```