Sethu Institute of Technology

Team ID : PNT2022TMID17335
 Name: R.sampavi sarani
 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
```

PROGRAME:

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

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

 print("current temperature:",temp)
 print("current humidity:",humid,"%")
 temp_ref=37
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 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: 86
current humidity: 16 %
Sound Alarm
>>> |
```