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| ASSIGNMENT DATE | 27.09.2022 |
| STUDENT NAME | NITHISH KUMAR |
| STUDENT ROLL NUMBER | 713119104012 |
| MAXIMUM MARKS | 2 Marks |

QUESTION :

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 random
while(True):
    a=random. rand int(10,99)
    b=random. rand int(10,99)
    if(a>35 and b<60):
        print("high temprature and humidity of :",a,b,"% ", "alarm
is on")
    elif(a<35 and b>60):
        print("Normal temprature and humidity of:",a,b,"% ","alarm
is off")
        break
```

OUTPUT:

```
high temprature and humidity of: 83 29 % alarm is on  
high temprature and humidity of: 43 29 % alarm is on  
high temprature and humidity of: 67 23 % alarm is on  
high temprature and humidity of: 76 13 % alarm is on  
Normal temprature and humidity of: 31 91 % alarm is off
```