

# VSB ENGINEERING COLLEGE KARUR

**Name :** SRIVISHAL.V

**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

```
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("So  
und off")

break

**Output :**

main.py	Run	Shell
<pre>1 import random 2 while(True): 3     temp=random.randint(10,99) 4     humid=random.randint(10,99) 5 6     print("current temperature:",temp) 7     print("current humidity:",humid,"%") 8     temp_ref=37 9     humid_ref=35 10 if temp&gt;temp_ref and humid&lt;humid_ref: 11     print("Sound Alarm") 12 else: 13     print("Sound off") 14 break 15</pre>		<pre>current temperature: 61 current humidity: 16 % Sound Alarm &gt;  </pre>

