Prince Dr. K. Vasudevan College of Engineering and Technology

ASSIGNMENT- 2

PROJECT TITLE	**Personal assistance for seniors who are self reliant**
TEAM ID	PNT2022TMID38119
NAME	HARI BALAJI S
TEAM LEAD	BALAJI M

ASSIGNMENT 2 :

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

PYTHON 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
```
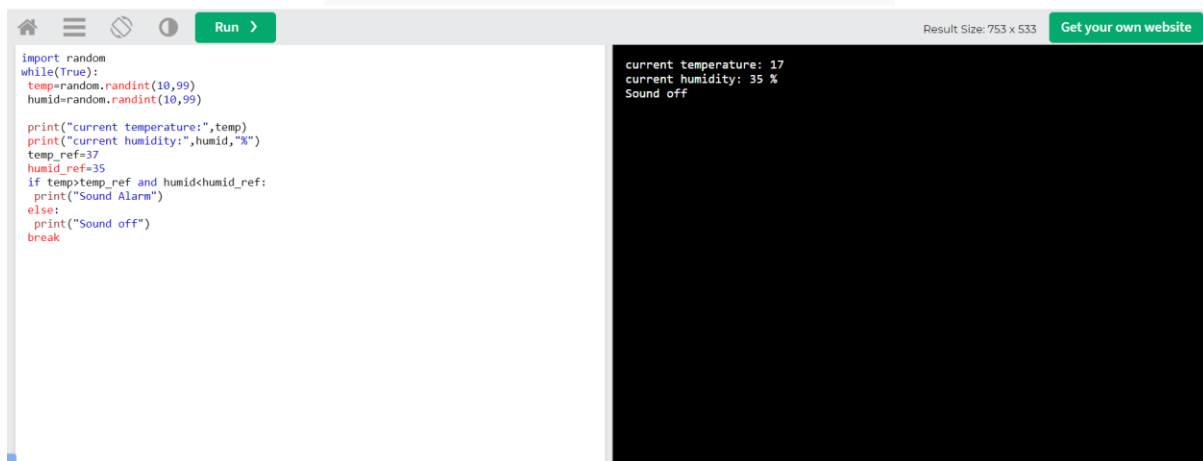
OUTPUT :


```
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: 17
current humidity: 35 %
Sound off
```