

Prince Dr. K. Vasudevan College of Engineering and Technology

ASSIGNMENT- 2

PROJECT TITLE	Personal assistance for seniors who are self reliant
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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:

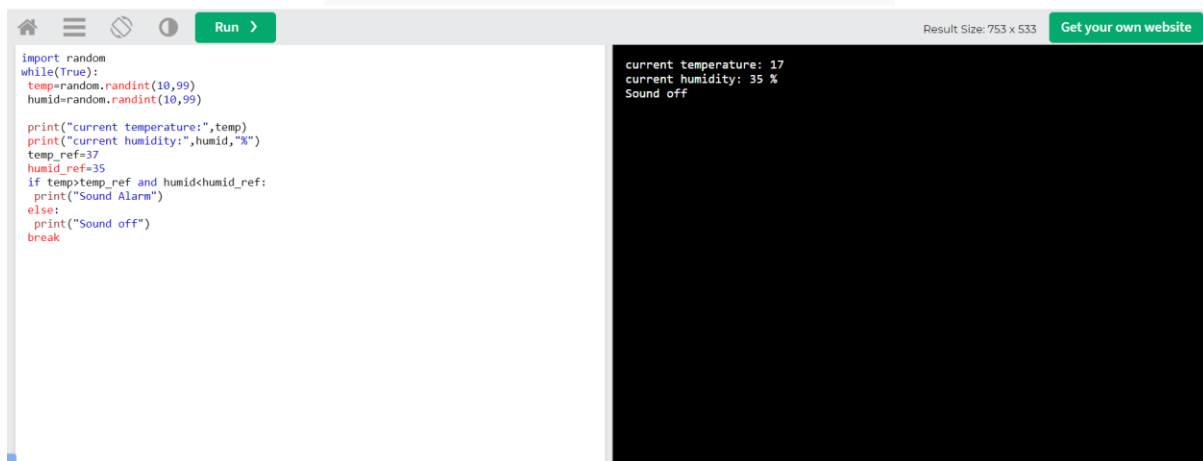
    print("Sound Alarm")

else:

    print("Sound off")

break
```

OUTPUT :



The image shows a screenshot of a Python code editor interface. The editor has a light gray header bar with icons for home, menu, search, and a 'Run' button. The code is written in Python and is as follows:

```
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
```

The output of the code is displayed in a black terminal window on the right side of the editor. The output is as follows:

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

The terminal window also shows the result size as 753 x 533 and a button to 'Get your own website'.