

# Prince Dr. K. Vasudevan College of Engineering and Technology

## ASSIGNMENT- 2

|                      |  |
|----------------------|--|
| <b>PROJECT TITLE</b> | Personal assistance for seniors who are self reliant |
| <b>TEAM ID</b>       | PNT2022TMID38119                                     |
| <b>NAME</b>          | GOKUL S C  |
| <b>TEAM LEAD</b>     | BALAJI M   |

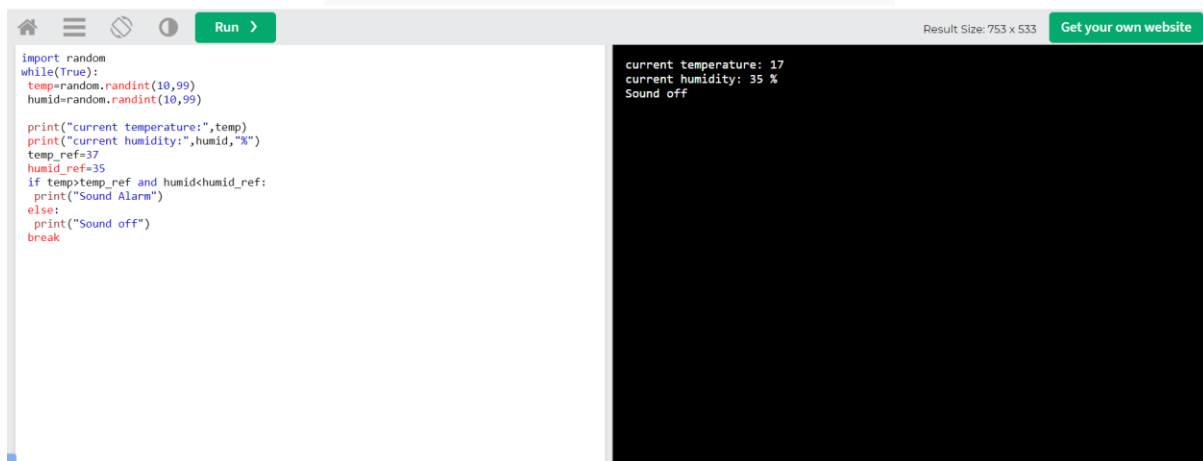
### ASSIGNMENT 2 :

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 :



The image shows a screenshot of a Python IDE interface. The left pane contains Python code that generates random temperature and humidity values. The right pane shows the output of the code, which displays the current temperature and humidity values, followed by a sound status message.

```
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