

## ASSIGNMENT-2.

MAHENDRA ENGINEERING COLLEGE FOR WOMEN

NAME: J.SOWNDHARYA

CLASS IV CSE

SUBJECT:IBM

REG NO:611419104083

Build a python code, assume that temperature and humidity values generated with random

function to a variable and write a condition to continuously detect alarm in case of high

temperature.

```
temp=float(input("enter a temperature"))
humidity=float(input("enter a humidity"))
hi =0.5 *(temp+61.0+((temp-68.0)*1.2) + (humidity*0.094))
roomtemperature=(temp-32)/1.8

if hi<=96:
    print("%0.1f is room temperature and %0.1f is humidity"%(roomtemperature,hi) )
else:
    print("over heat")
```



## OUTPUT

enter a temperature 2567

2567

enter a humidity 3456

3456

over heat

