

## Assignment-2

Assignment Date	22 September 2022
Student Name	V.HARI PRASATH
Student Roll Number	910619106020
Maximum Marks	2 Marks

### Question-1:

Build a python code. Assume u get temperature & humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

```
f=float(input())
cel=((f-32)*5)/9
if(cel>37):
    print("high temperature",cel)
else:
    print("normal:",cel)

#Celsius to fahrenheit

cel=float(input("Enter in degrees:"))
f=(cel*1.8)+32
if(f>98.6):
    print("high temperature",f)
else:
    print("normal temperature",f)
```

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main.py

Run

```
1 f=float(input())
2 cel=((f-32)*5)/9
3 if(cel>37):
4     print("high temperature",cel)
5 else:
6     print("normal:",cel)
7
8 #Celsius to fahrenheit
9
10 cel=float(input("Enter in degrees:"))
11 f=(cel*1.8)+32
12 if(f>98.6):
13     print("high temperature",f)
14 else:
15     print("normal temperature",f)
```

Shell

Clear

```
32.5
normal: 0.2777777777777778
Enter in degrees:56
high temperature 132.8
>
```

Windows Taskbar

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