

Assignment -2

Assignment Date	7 OCTOBER 2022
Student Name	MONIKAA.R
Student Roll Number	411719205028
Maximum Marks	2 Marks

QUESTION

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

CODE:

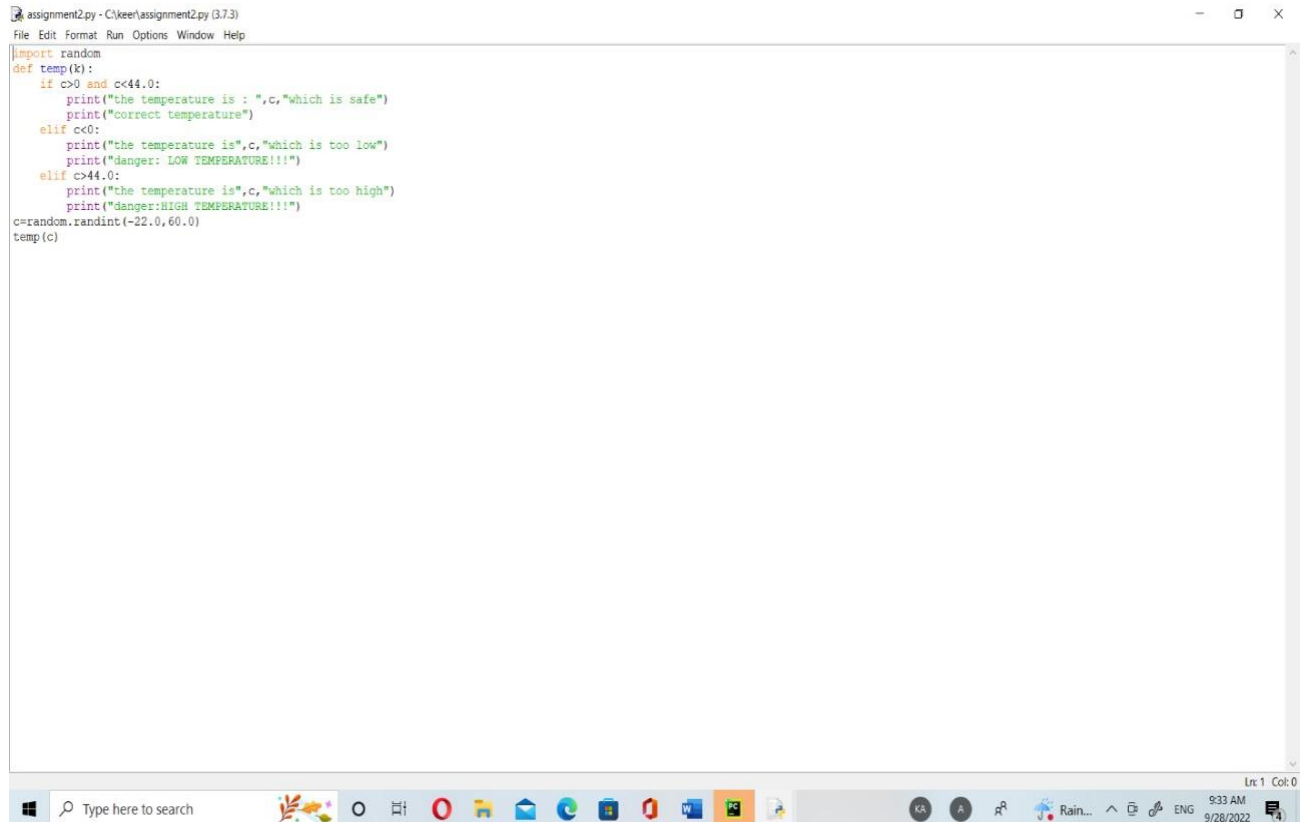
```
import random
def temp(k):
    if c>0
    and c<44.0:
        print("the temperature is : ",c," which is safe")
    print("correct temperature")
    elif c<0:
        print("the temperature is:",c," which is too low")
    print("danger: LOW TEMPERATURE!!!")
    elif
    c>44.0:
        print("the temperature is:",c," which is too high")
    print("danger: HIGH TEMPERATURE!!!")
c=random.randint(-22.0,60.0)
temp(c)
```

OUTPUT:

the temperature is -16 which is too low danger:
LOW TEMPERATURE!!!

the temperature is : 11 which is safe

correct temperature the temperature is
54 which is too high danger:HIGH
TEMPERATURE!!!



The screenshot shows a Python IDE window titled "assignment2.py - C:\keee\assignment2.py (3.7.3)". The menu bar includes File, Edit, Format, Run, Options, Window, and Help. The code in the editor is as follows:

```
import random
def temp(k):
    if c>0 and c<44.0:
        print("the temperature is : ",c,"which is safe")
        print("correct temperature")
    elif c<0:
        print("the temperature is",c,"which is too low")
        print("danger: LOW TEMPERATURE!!!")
    elif c>44.0:
        print("the temperature is",c,"which is too high")
        print("danger:HIGH TEMPERATURE!!!")
c=random.randint(-22.0,60.0)
temp(c)
```

The Windows taskbar at the bottom shows the search bar, task view button, and several application icons. The system tray on the right displays the date and time as 9:33 AM on 9/28/2022, along with weather and language settings.

```
Python 3.7.3 Shell
File Edit Shell Debug Options Window Help
Python 3.7.3 (v3.7.3:ef4ec6d12, Mar 25 2019, 21:26:53) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\keer\assignment2.py =====
the temperature is -16 which is too low
danger: LOW TEMPERATURE!!!
>>>
===== RESTART: C:\keer\assignment2.py =====
the temperature is : 11 which is safe
correct temperature
>>>
===== RESTART: C:\keer\assignment2.py =====
the temperature is 54 which is too high
danger:HIGH TEMPERATURE!!!
>>> |
```

Ln 15 Col: 4

Type here to search

9:39 AM
9/28/2022