

Assignment -2
Python Programming

Assignment Date	25 September 2022
Student Name	Sneka S
Student Roll Number	621319106090
Maximum Marks	2 Marks

Question-1:

Write a python code assume get temperature and humidity values(generated with random function a condition to continuously detect alarm in case of high temperature.

Solution:

```
import random

temp=int(input("enter the temperature value:"))
humidity=int(input("enter the humidity value:"))

for i in range(0,500):

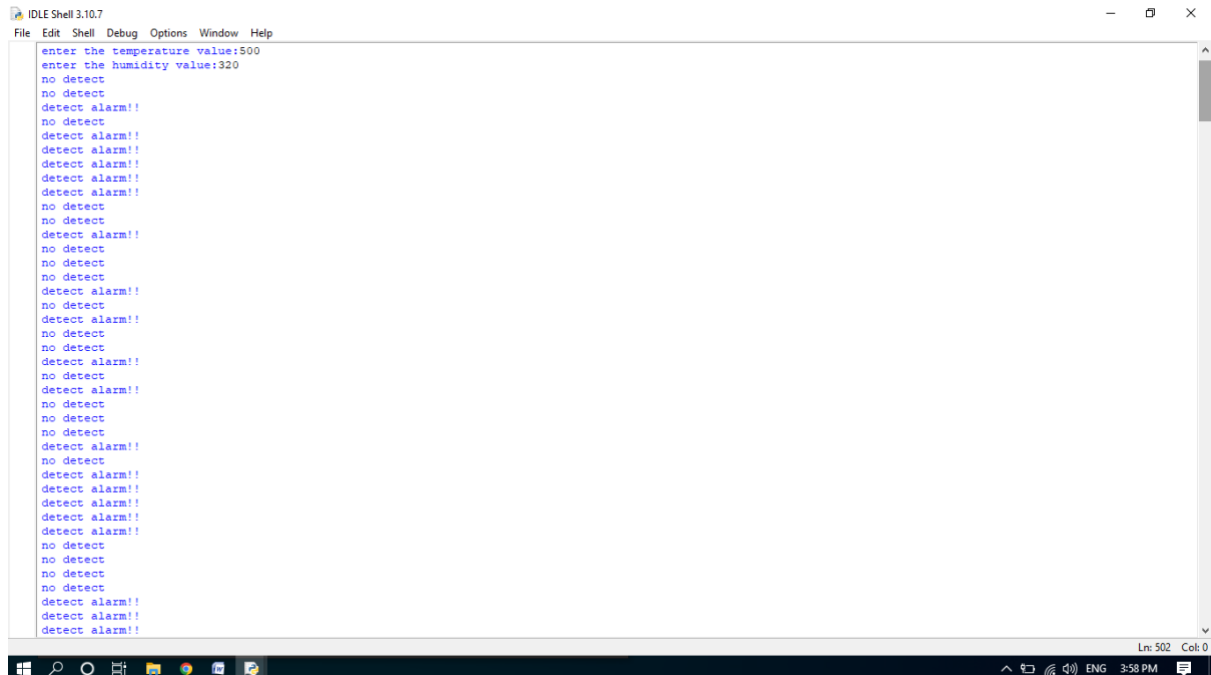
    a=random.randrange(1000)

    if(temp>a):

        print("detect alarm!!")

    else:

        print("no detect")
```



```
IDLE Shell 3.10.7
File Edit Shell Debug Options Window Help
enter the temperature value:500
enter the humidity value:320
no detect
no detect
detect alarm!!
no detect
detect alarm!!
detect alarm!!
detect alarm!!
detect alarm!!
no detect
no detect
detect alarm!!
no detect
no detect
detect alarm!!
no detect
detect alarm!!
no detect
no detect
detect alarm!!
no detect
detect alarm!!
no detect
no detect
detect alarm!!
no detect
detect alarm!!
no detect
no detect
detect alarm!!
no detect
detect alarm!!
no detect
no detect
detect alarm!!
no detect
no detect
no detect
detect alarm!!
detect alarm!!
detect alarm!!
no detect
no detect
no detect
detect alarm!!
detect alarm!!
detect alarm!!
Ln: 502 Col: 0
```