Assignment -2
Python Programming

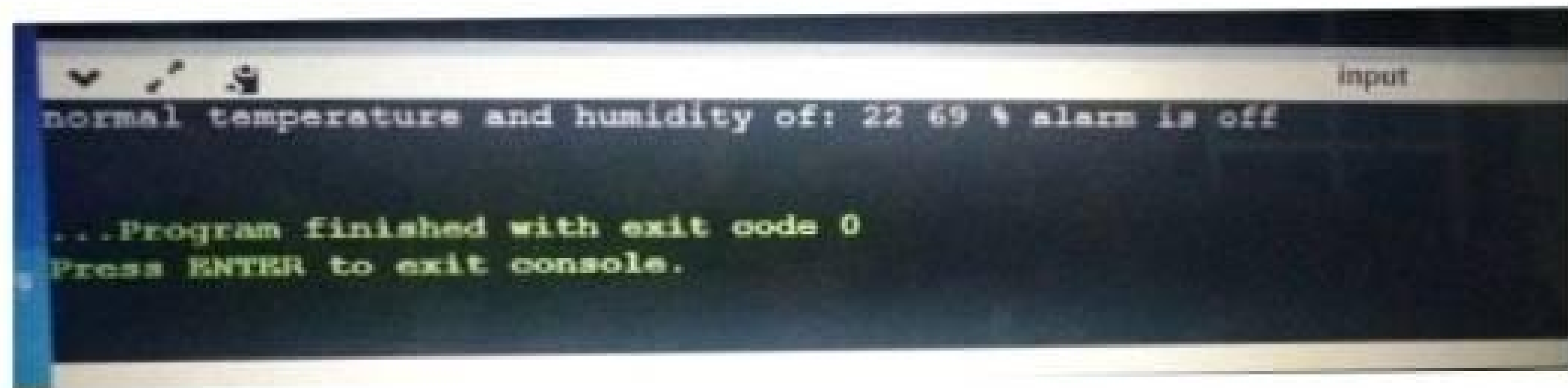| Assignment Date	23 September 2022
Student Name	R. SHANMUGA PRIYA
Student Roll Number	913119106100
Maximum Marks	2 Marks

Question-1:

Build a python code. Assume u 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.

Solution:

```
import random
while(True):
a=random. randint(10, 99)
b=random. randint(10, 99)
if(a>35 and b>68):
print("high temprature and humidity of : ", a, b, "x", "alarm is on")
elif(a<35 and b<60):
print("normal temprature and humidity of ", a, b, "%", "alarm is off")
break
```

```
1   import random
2   while(True):
3       a=random.randint(10,99)
4       b=random.randint(10,99)
5       if(a>35 and b>60):
6           print("high temprature and humidity of:",a,b,"%","alarm is on")
7       elif(a<35 and b<60):
8           print("normal temprature and humidity of :",a,b,"%","alarm is off")
9       break
10
```

normal temperature and humidity of: 22 69 % alarm is off

...Program finished with exit code 0
Press ENTER to exit console.