Assignment -2

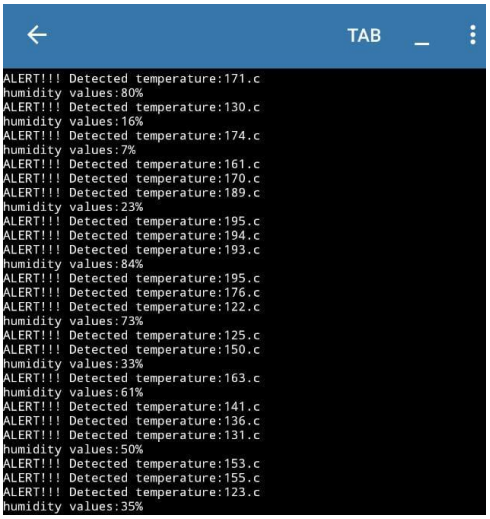
Python Programming

Assignment Date	25 September 2022
Student Name	VAISHNAVI. R
Student Roll Number	910019106048
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
import time
while(1):
    temp= random.randint(0,200)
    humidity=random.randint(0,200)
    if temp>120:
        print("ALERT!!! Detected temperature:"+str(temp)+".c")
        if humidity<100:
            print("humidity values:"+str(humidity)+"%")
            time.sleep(2)
```

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2  import time
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6     if temp>120:
7        print("ALERT!!! Detected temperature:"+
   str(temp)+".c")
8        if humidity<100:
9           print("humidity values:"+str(humidity)+"%")
10          time.sleep(2)
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