

Assignment -1

Python Programming

Assignment Date	19 September 2022
Student Name	Mr. Kishor G. K.
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Maximum Marks	2 Marks

Question-1:

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

Code:

```
import random

while (True):

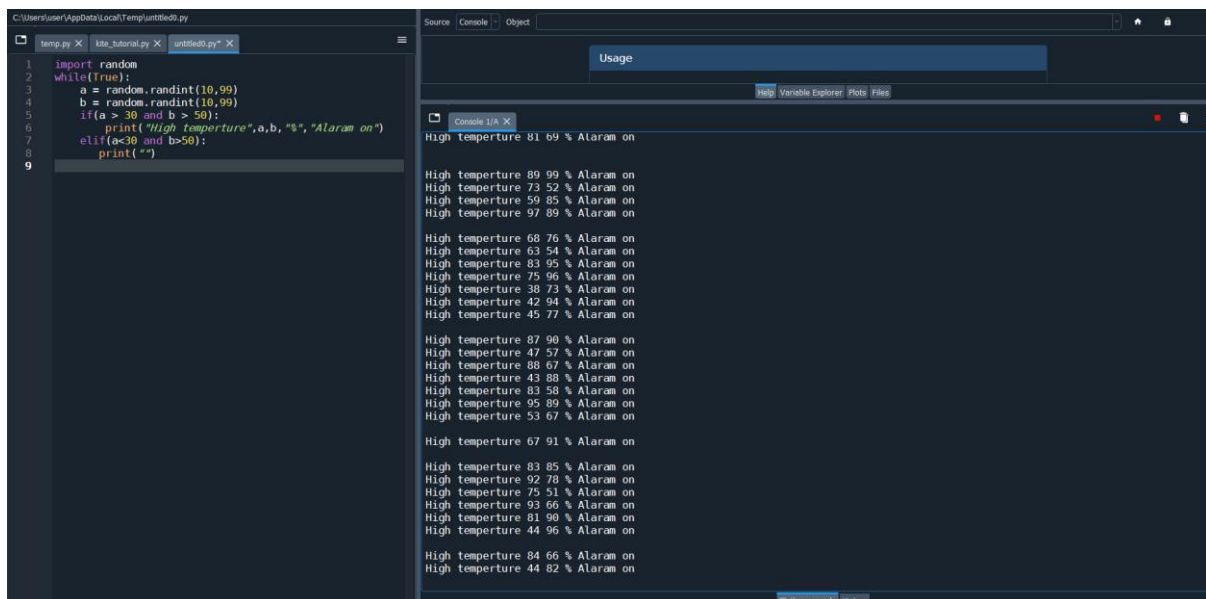
    t=random.randint(10,99)

    h=random.randint(10,99)

    if (t > 30 and h > 50):
        print ("High temperature", a, b," %", " Alarm on ")

    elif (t < 30 and h<50):
        print (" ")
```

Output:

The screenshot shows a Python IDE with a dark theme. On the left, the code editor displays the Python script. On the right, the console window shows the output of the program. The code generates random temperature and humidity values and prints an alarm message when both are high. The output shows multiple instances of 'High temperature' followed by two random values and '% Alarm on'.