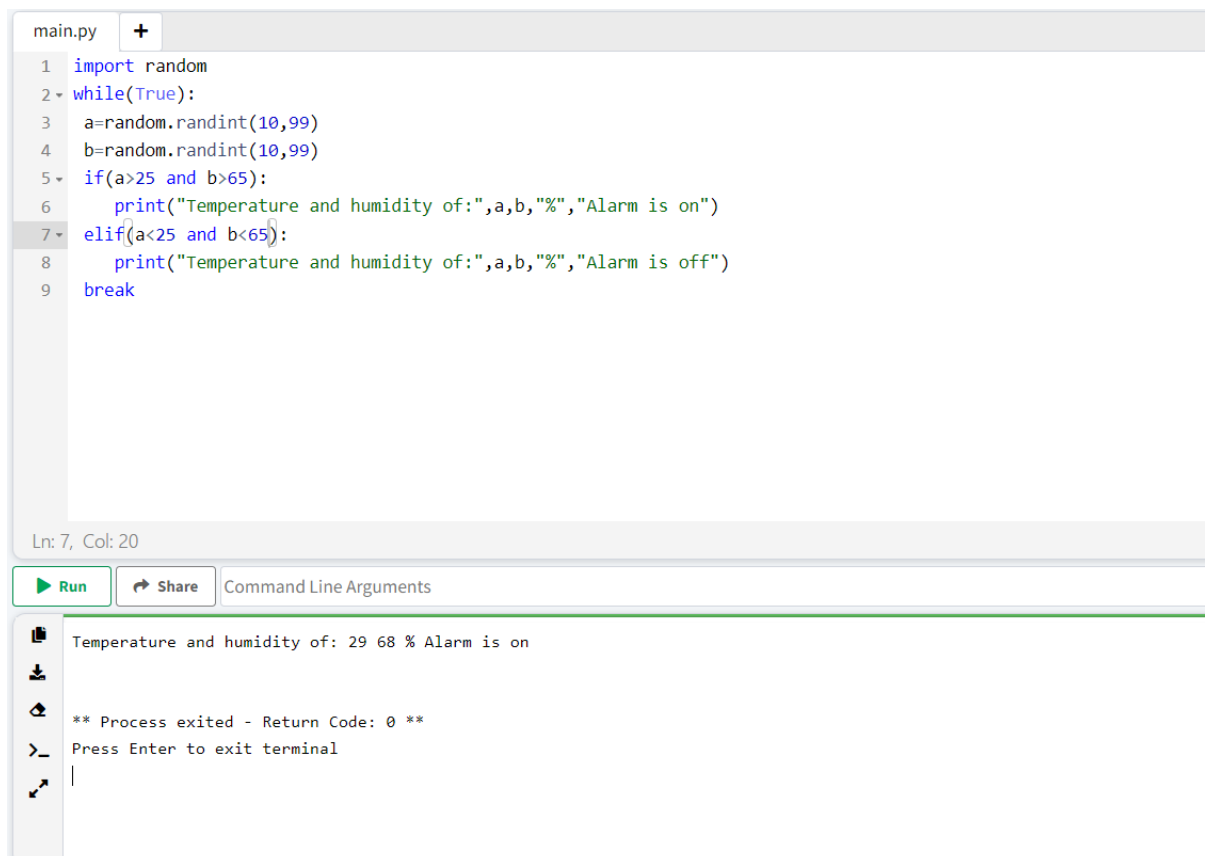


Assignment 2

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

Code:

```
import random
while(True):
a=random.randint(10,99)
b=random.randint(10,99)
if(a>25 and b>65):
    print("Temperature and humidity of:",a,b,"%","Alarm is on")
elif(a<25 and b<65):
    print("Temperature and humidity of:", a,b,"%","Alarm is off")
break
```

The image shows a screenshot of a Python IDE interface. At the top, there's a tab labeled 'main.py' with a '+' icon. Below the tab, the code from the previous block is displayed with line numbers 1 through 9. The code is color-coded: 'import' is blue, 'while' is blue, 'if' and 'elif' are blue, 'print' is green, and 'break' is blue. Below the code editor, there's a status bar showing 'Ln: 7, Col: 20'. Underneath that, there are two buttons: 'Run' (with a green play icon) and 'Share' (with a share icon). To the right of these buttons is a text input field labeled 'Command Line Arguments'. Below the buttons and input field, there's a terminal window. The terminal shows the output of the code: 'Temperature and humidity of: 29 68 % Alarm is on'. Below this, it says '** Process exited - Return Code: 0 **' and 'Press Enter to exit terminal'. The terminal prompt is '>' followed by a vertical bar '|'.

```
main.py +
1 import random
2 while(True):
3     a=random.randint(10,99)
4     b=random.randint(10,99)
5     if(a>25 and b>65):
6         print("Temperature and humidity of:",a,b,"%","Alarm is on")
7     elif(a<25 and b<65):
8         print("Temperature and humidity of:", a,b,"%","Alarm is off")
9     break

Ln: 7, Col: 20

Run Share Command Line Arguments

Temperature and humidity of: 29 68 % Alarm is on

** Process exited - Return Code: 0 **
Press Enter to exit terminal
> |
```