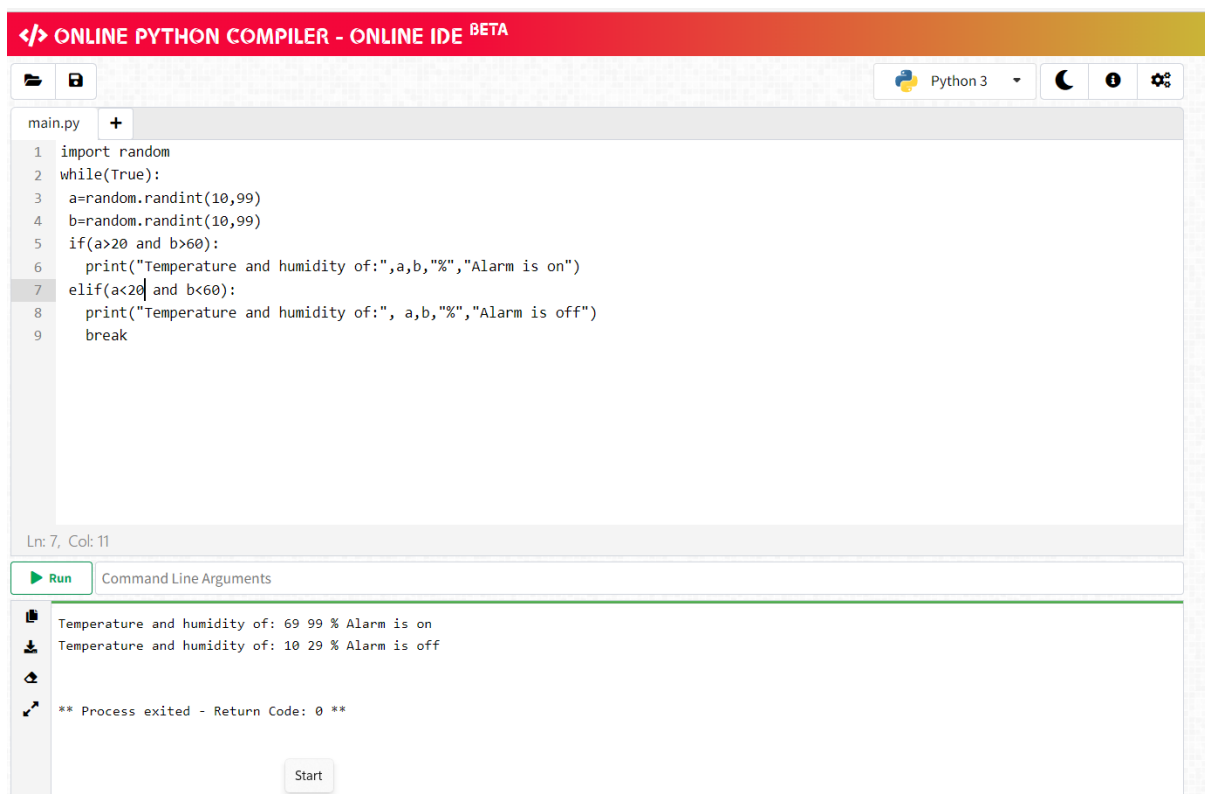


## Assignment 2

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>20 and b>60):
    print("Temperature and humidity of:",a,b,"%","Alarm is on")
elif(a<20 and b<60):
    print("Temperature and humidity of:", a,b,"%","Alarm is off")
break
```



The screenshot shows an online Python IDE interface. The top bar is red with the text "ONLINE PYTHON COMPILER - ONLINE IDE BETA". Below the bar, there's a toolbar with icons for file operations and a dropdown menu set to "Python 3". The main editor area displays the Python code from the previous block, with line numbers 1 through 9. The code is as follows:

```
1 import random
2 while(True):
3     a=random.randint(10,99)
4     b=random.randint(10,99)
5     if(a>20 and b>60):
6         print("Temperature and humidity of:",a,b,"%","Alarm is on")
7     elif(a<20 and b<60):
8         print("Temperature and humidity of:", a,b,"%","Alarm is off")
9     break
```

Below the editor, there's a "Run" button and a "Command Line Arguments" input field. The output area shows the results of the code execution:

```
Temperature and humidity of: 69 99 % Alarm is on
Temperature and humidity of: 10 29 % Alarm is off
** Process exited - Return Code: 0 **
```

A "Start" button is located at the bottom of the output area.