ASSIGNMENT - 1

CH SAI KRISHNA

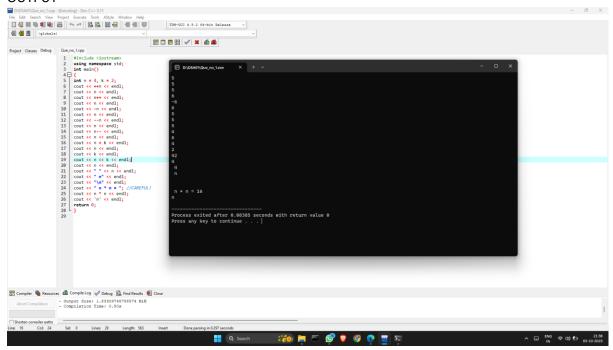
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1. What is the exact output of the program below?

ANS:

OUTPUT

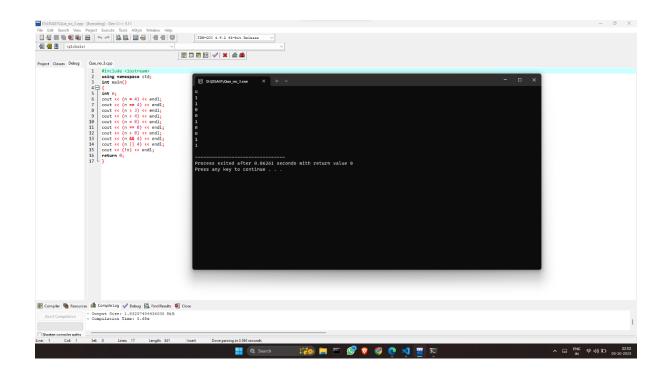


2. What is the output of the program below?

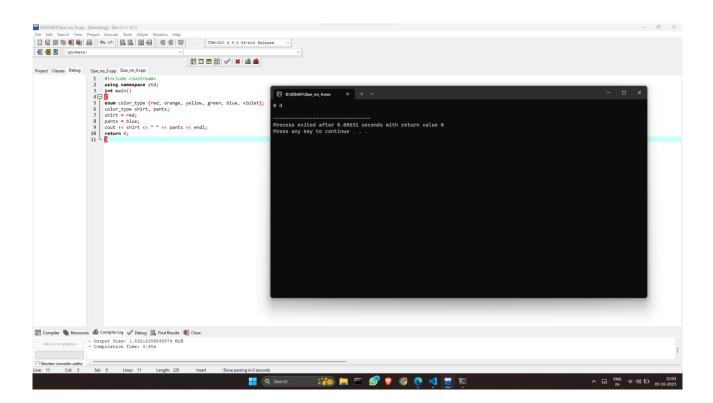
```
minal Help
 G Que_no_2.cpp > ...
1 #include <iostream>
                Ling namespace std;
  10 }
11 cout << n << endl;
12 while (n < 4)
13 cout << ++n << endl;
14 cout << n << endl;
15 while (n >= 0)
16 cout << (n /= 2) << endl;
17 return 0;
 PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS SEARCH TERMINAL OUTPUT
   Loaded 'C:\MINDOWS\SysWOW64\kernel32.dll'. Symbols loaded.
Loaded 'C:\MINDOWS\SysWOW64\KernelBase.dll'. Symbols loaded.
Loaded 'C:\MINDOWS\SysWOW64\msvcrt.dll'. Symbols loaded.
Loaded 'C:\MinGW\bin\libgcc_s_dw2-1.dll'. Symbols loaded.
Loaded 'C:\MinGW\bin\libstdc++-6.dll'. Symbols loaded.
     2 0
     2 4
```

3. What is the output of the program below?

ANS: OUTPUT

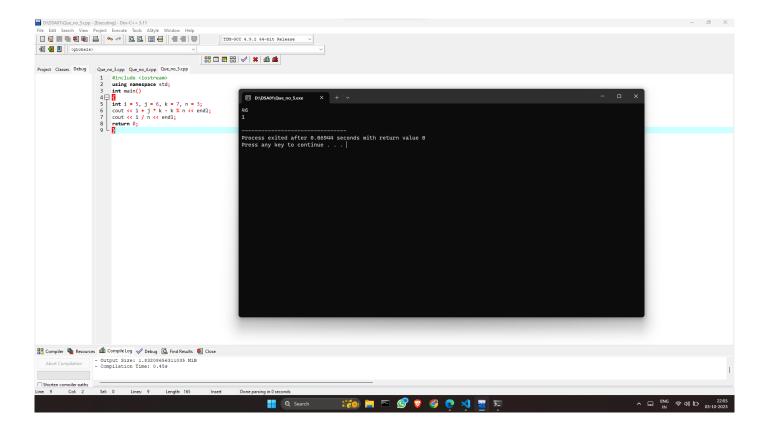


4. What is the output of the following program?

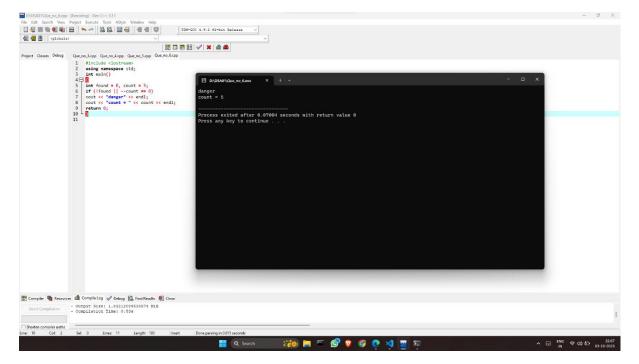


5. What is the output when the following code fragment is executed?

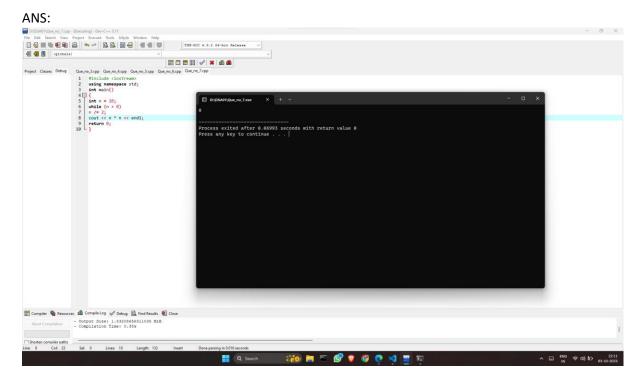
ANS: OUTPUT



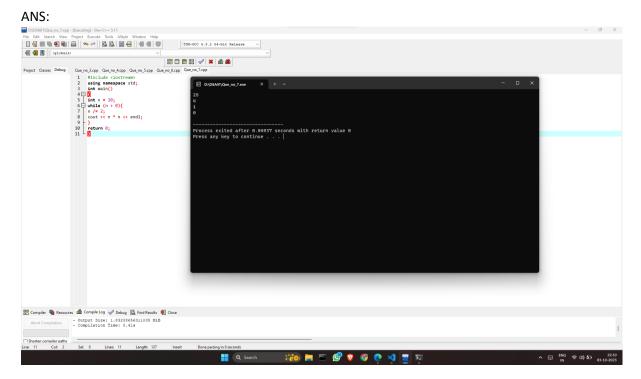
6. What is the output when the following code fragment is executed?



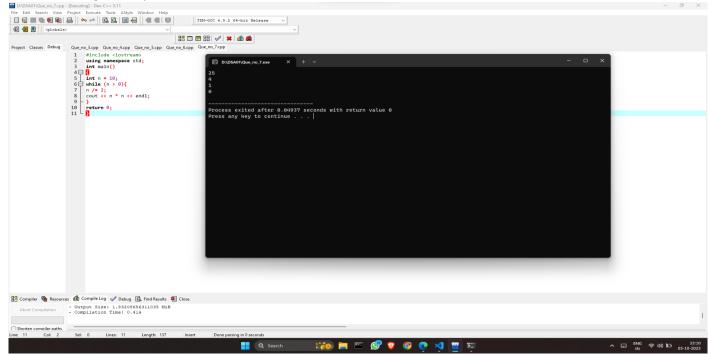
- 7. The loop shown below has been written by an inexperienced C++ programmer. The behavior of the loop is not correctly represented by the formatting.
- a. What is the output of the loop as it is written?



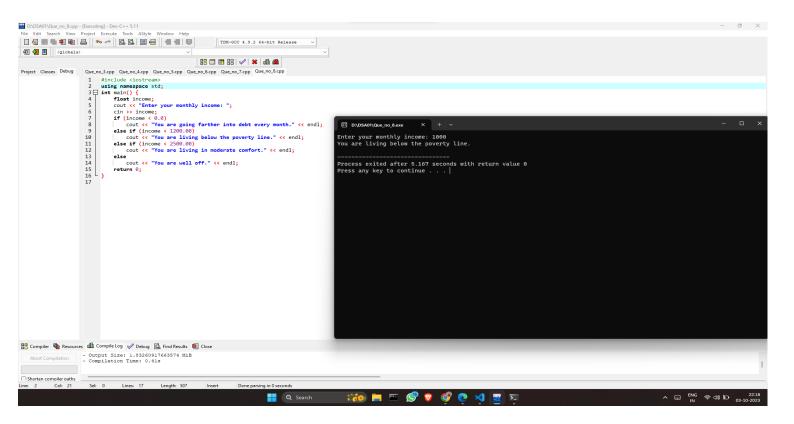
b. Correct the syntax of the loop so that the logic of the corrected loop corresponds to the formatting of the original loop. What is the output of the corrected loop?



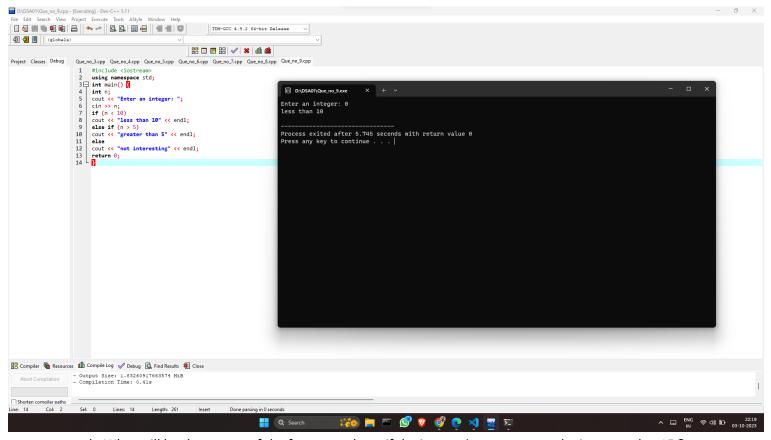
c. Correct the formatting of the (original) loop so that the new format reflects the logical behavior of the original loop.



8. Remove all the unnecessary tests from the nested conditional statement below

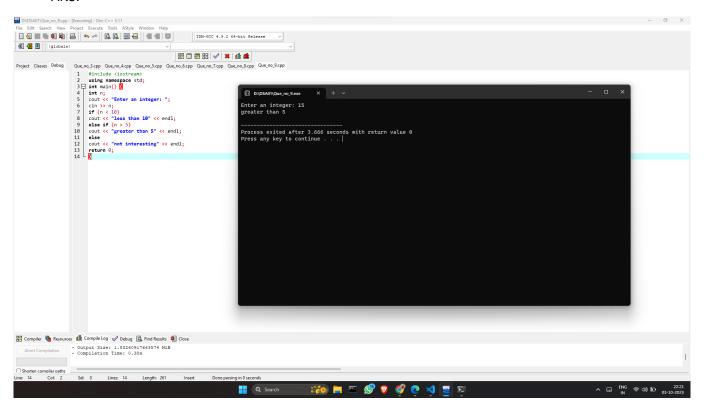


- 9. Answer the questions below concerning the following fragment of code.
- a. What will be the output of the fragment above if the interactive user enters the integer value 0?



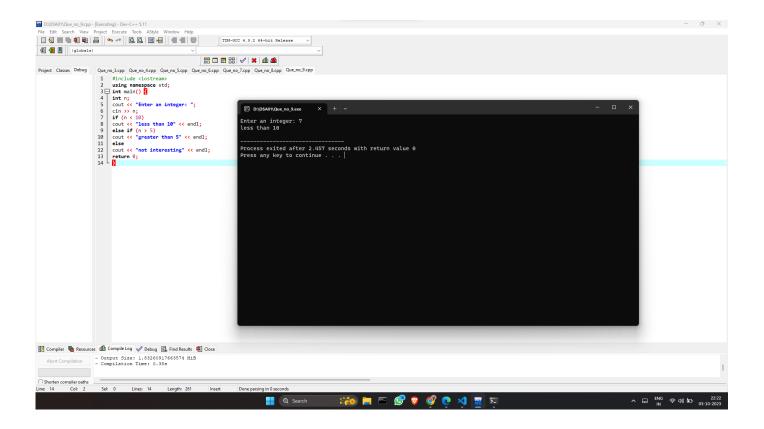
b. What will be the output of the fragment above if the interactive user enters the integer value 15?

ANS:



c. What will be the output of the fragment above if the interactive user enters the integer value 7 ?

ANS:



10. Rewrite the following code fragment so that it uses a "do...while..." loop to accomplish the same task.

ANS:

