C++ LOGICAL OPERATORS

Try the following example to understand all the logical operators available in C++.

Copy and paste the following C++ program in test.cpp file and compile and run this program.

```cpp
#include <iostream>
using namespace std;

main()
{
   int a = 5;
   int b = 20;
   int c ;

   if ( a && b )
   {
      cout << "Line 1 - Condition is true"<< endl ;
   }
   if ( a || b )
   {
      cout << "Line 2 - Condition is true"<< endl ;
   }
   /* Let's change the values of  a and b */
   a = 0;
   b = 10;
   if ( a && b )
   {
      cout << "Line 3 - Condition is true"<< endl ;
   }
   else
   {
      cout << "Line 4 - Condition is not true"<< endl ;
   }
   if ( !(a && b) )
   {
      cout << "Line 5 - Condition is true"<< endl ;
   }
   return 0;
}
```

When the above code is compiled and executed, it produces the following result:

```
Line 1 - Condition is true
Line 2 - Condition is true
Line 4 - Condition is not true
Line 5 - Condition is true
```