```java
1 //***********************************************************
 2 // Assignment: J4A1 Boolean Expressions - Relational
Operators
 3 //
 4 // Description:  demonstrate all of the Boolean Expressions
listed below using print statements
 5 //
 6 // Author: Darshil Patel
 7 //
 8 // Date Started: Oct 24, 2016
 9 // Date Completed: Oct 24, 2016
10 //
11 // Completion time: 15min
12 //
13 // Honor Code: I pledge that this program represents my own
14 //   program code. I received help from no one in designing
and debugging my program.
15 //***********************************************************
16
17
18 import java.util.*;
19 public class J4A1PatelDarshil
20 {
21    public static void main (String[] args)
22    {
23       System.out.println("(-5 == 7) " + (-5 == 7));
24       System.out.println("(7 == 7) " + (7 == 7));
25       System.out.println("(5 <= 7) " + (5 <= 7));
26       System.out.println("(7 <= 5) "+ (7 <= 5));
27       System.out.println("(-5 < 7) " + (-5 < 7));
28       System.out.println("(8 < 7) " + (8 < 7));
29       System.out.println("(-5 >= 7) " + (-5 >= 7));
30       System.out.println("(15 >= 7) " + (15 >= 7));
31       System.out.println("(15 > 7) " + (15 > 7));
32       System.out.println("(-5 > -7) " + (-5 > -7));
33       System.out.println("(-5 > 7) " + (-5 > 7)) ;
34       System.out.println(" (7 < 7) " + (7 < 7));
35       System.out.println("(-5 > -5) " + (-5 > -5));
36       System.out.println("(-5 != 7) " + (-5 != 7));
37       System.out.println("(-5 != -5) " + (-5 != -5));
38       System.out.println("(-5 != -(-5)) " + (-5 != -(-5)));
39       System.out.println("!(8 == 8) " + !(8 == 8));
40       System.out.println("!(8 == 9)" + !(8 == 9));
41       System.out.println("(\"hello\".equals(\"hello\")) " +
("hello".equals("hello")));
42       System.out.println("(\"hello\".equals(\"goodbye\")) " +
("hello".equals("goodbye")));
```

```java
43          System.out.println("!(\"hello\".equals(\"goodbye\")) " + !("hello".equals("goodbye")));
44          System.out.println("!(\"goodbye\".equals(\"goodbye\")) " + !("goodbye".equals("goodbye")));
45
46
47      }
48  }
49
```