

CSC 204: Lab 12: Boolean Expressions Worksheet

Set 1:

<u>Expression</u>	<u>Variable</u>	<u>Expected value</u>	<u>Actual value</u>
true	B1	true	true
3 == 3	B2	true	true
12 != 19	B3	true	true
3 < 15 - 6	B4	true	true
3 > 15 + 6	B5	true	true
12.2 >= 12.7	B6	false	false
12.2 <= 12.7	B7	true	true

Set 2:

3.3 * 2.4 == 7.92	B8	true	false
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Set 3:

3 < 4 < 5	B9	true	Syntax Error, "<<" expected"
3 < 4 && 4 < 5	B9	true	true
4 = 4	B10	true	true Comparing identical expressions

Set 4:

3 < 4 && 4 < 5	B11	true	true
4 < 3 && 4 < 5	B12	false	false
3 < 4 4 < 5	B13	true	true
4 < 3 4 < 5	B14	true	true

Set 5:

!(3 == 3)	B15	false	false
!(3 == 4)	B16	true	true
!((3==4) && (4==4))	B17	true	true
(3!=4) && (4!=4)	B18	false	false
(3!=4) (4!=4)	B19	true	true

Set 6:

false && false true	B20	true	true
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