Name _____

PSU ID(abc1234) _____

Class (Section) IST 140.___

Practice Problems 3.2

More practice with Branches

BOOLEAN VALUES

Let bool1, bool2, bool3 all be boolean variables such that bool1 and bool3 are true and bool2 is false. Give the truth value for each problem:

1) `bool1 && bool2`   _false_

2) `bool1 && bool3`   _true_

3) `!bool2 && bool3`   _false_

4) `bool1 || bool2`   _false_

5) `bool1 || bool3`   _true_

6) `bool2 || !bool3`   _false_

CHARACTER METHODS

Write the returned literal from each method

7) `Character.isLetter('b')`   _True_

8) `Character.toUpperCase('w')`   _W_

9) `Character.isDigit('9')`   _True_

10) `Character.isWhiteSpace('\n')`   _false_

11) `Character.isLetter('8')`   _false_

12) `Character.toLowerCase('r')`   _r_

13) `Character.toUpperCase('3')`   _error_

14) `Character.isLetter('B')`   _true_

15) `Character.isDigit('u')`   _false_

16) `Character.toUpperCase('D')`   _D_

17) `Character.isWhiteSpace('A')`   _false_

18) `Character.toUpperCase('7')`   _error_

LEXICOGRAPHIC ORDER

Of the following pairs of strings, which comes first in lexicographic order?

19) "Tom", "Jerry"   _"Jerry"_

20) "Tom", "Tomato"   _"Tom"_

21) "church", "Churchill"   _"church"_

22) "car manufacturer", "carburetor"   _"car manufacturer"_

23) "Harry", "hairy"   _"hairy"_

24) "Java", "Car"   _"Car"_