# **Homework**

# **Screen Output**

1. **HW2\_Output1.java**: Write the program to produce the following output.  
   For the squares column, DO NOT literally print the values – calculate the values by squaring the values in the Num column.  
   Do the same thing for the answers to each equation in the bottom half of the output - calculate the answers instead of printing them literally.

| Num Square  \*\*\* \*\*\*\*\*\*  1 1  2 4  3 9  4 16  5 25  1\*1 = 1  2\*2 = 4  3\*3 = 9  4\*4 = 16 |
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1. **HW2\_Output2.java**: Write a program that displays a tic-tac-toe board with an X in the center. The application output should look similar to:

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| X |

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1. **HW2\_Output3.java**: Write a program that displays a rectangle of back slash (\). The rectangle should be 15 back slash wide and 7 back slash high. The application output should look similar to the example below.  
     
   **HINT:** If you are having trouble with this, review Lesson 1-01, slide 14.

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1. **HW2\_Output4.java**: For fun (not because it’s a good habit). Try to create the same output as in question 1 by using as few println or print statements as possible. You may even be able to do it all in one statement.