Kerry Ojakian's CSI 30 Class
Class Assignment #3

1. Write some code that assigns 34 to the variable y.

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2. Write some code that first assigns 9 to the variable x, then increments x by 2.

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3. Write some code that assigns the variable y to be 3 times the value of x.

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4. Write a statement that defines the list $[3, 4, 2, 3]$.

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5. Write a statement that sets variable x to be the third entry in list L (list indexing starts at 0).

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6. Write conditional statment that depends on the value of variable x. If x is positive, then x is set to 1, while if x is negative x is set to -1.
   Side question: What does your statement do if x is zero?

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7. Write a statement that sets variable W to be the first entry in a list if the current value W is even, and to the second entry of the list if the current value of W is odd (list indexing starts at 0).

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8. Write the code for a function that takes one input and returns double that input.

9. Write the code for a function that takes one input and returns double that input if the input is positive, and otherwise just returns the given input.
Also - graph this function on the plane.