**Project:** RollCall

**Top-Down:** Create a program that declares one of each primitive and object variables, assign values and print each variable out in a print line statement.

**Bottom-up:**

1. Declare && initialize int x with a value of 10, print using println
2. Declare && initialize double d with a value of 102.42, print using println
3. Declare && initialize boolean b with a value of true, print using println
4. Declare && initialize String str with a value of “You are awesome”, print using println
5. Declare && initialize double e that is the SUM of x and d and print it out using println (to add use the +)
6. Reassign the value of x to equal 14, print out the value of x using println
7. Make x equal the value of twice x. (hint you can have x on both sides of the equal sign) (To multiply use the \*). Print out the new value
8. Find a way to print out the following statement using only one print statement:  
     
   This "stuff" is very 'weird'  
   "BUT"  
   AP CSA is 'fun'
9. Using a different print statement, add an exclamation point after 'fun'
10. Print out the biggest and smallest value of Integers. (To access the actual value use Integer.MAX\_VALUE. I'll let you figure out how to get the smallest.

Challenge (optional, a MUST for student that took SPI)

Look up ASCII art and try to recreate it.