1. (a) charAt(int index)
   (b) This method returns the char value at the specified index.
   (c) You can use this method when you need the specific character of a string. I, for example, used it in the lab for the palindrome question.
   (a) concat(String str)
   (b) This method concatenates the specified string to the end of this string.
   (c) This can be used for adding extra characters to the end of a string. For example, adding a last name.
   (a) replace(char oldChar, char newChar)
   (b) This method replaces each instance of oldChar with newChar.
   (c) This can be used if you need to change all your V's into W's.
   (a) substring(int beginIndex, int endIndex)
   (b) This method is used to return a copy of the substring within the main string that starts at beginIndex and ends at endIndex.
   (c) You can use this method to extract part of a string, for example, a middle name.
   (a) trim()
   (b) This method returns a copy of the string with leading and trailing whitespace omitted.
   (c) If you need to trim out the whitespace before and after the content of a string, then this is the method for you!

   Source: https://docs.oracle.com/javase/7/docs/api/java/lang/String.html

2. (a) fill(boolean[] a, boolean val)
   (b) This method assigns the specified boolean value to each element of the specified array of booleans.
   (c) You can use this to, for example, set all the booleans in an array of booleans to false.
   (a) fill(char[] a, char val)
   (b) This method assigns the specified char value to each element of the specified array of chars.
   (c) You can use this to, for example, set all the chars in an array of chars to a specific character.
   (a) fill(int[] a, int val)
   (b) This method assigns the specified int value to each element of the specified array of ints.
   (c) You can use this to, for example, set all the ints in an array of ints to a specific number.
   (a) sort(int[a] a)
   (b) This method can sort the specified array into numerical order.
   (c) You can use this to, for example, see a data set of ints in numerical order.
   (a) sort(double[a] a)
   (b) This method can sort the specified array into numerical order.
   (c) You can use this to, for example, see a data set of doubles in numerical order.
   Source: https://docs.oracle.com/javase/7/docs/api/java/util/Arrays.html

3. My favorite thing I learned this week was how to build a simple console application using a bunch of methods.