Assignment 11: Arrays

1. You are not given a starting class for this project. Create one on your own with a main and name it ArrayFun.java.
2. Create an array of integers with size 10. Fill up the array with odd numbers (1,3,5,...). Put the values in the array indices one at a time and print them on the screen one by one. Don’t use a while loop. This part of the code will be pretty long.
3. Create another array of doubles with size 10. Fill up the array with the number 1.25, then print all the numbers in the array. You must use a while loop to fill this array and to print. Use the length of the array for the while condition.
4. Create another array of integers with size 1000. Fill it with random numbers between 1 and 1000. Use a while loop! Use the length of the array for the while condition.
5. Challenge: print all the numbers in the random array out with a space between each one, making them start on a new line every 20 numbers. You can use a double while loop to do that! This is tricky!
6. Run the program and make sure it works as expected.
7. Save the program in Git.