COSC 601 – Lab 2

Add to your existing ArrayUtils file by implementing the following additional methods

1. Create the following helper methods:
     - random generation method to initialize an array of any size to
      random number between 1 and 100
     - separate swap methods for doubles, chars and strings

2. create a binary search method for doubles
3. create a binary search method for strings

4. create a selection sort method for doubles
5. create a selection sort method for chars
6. create a selection sort method for strings

7. create an insertion sort method for doubles
8. create an insertion sort method for chars
9. create an insertion sort method for strings

*In some cases, you may want to have a look at the compareTo method.

You are expected to generate your own code for this. Use what we did in class as reference but do not simply copy that or any other code. You will not be given credit for anything copied.