```
<<<<<<<<<-------------- FIRST THINGS FIRST -------------->>>>>>>>>

 _____
|  You need to be in the same directory as this README else         |
|  some of the scripts will fail.                                    |
|                                                                    |
|  First, run                                                        |
|       make clean                                                   |
|  to clean up everything.  It should already be clean, but          |
|  you may run it if you want a fresh start at any point.            |
|                                                                    |
|  Then, if you want to remove my old results run                    |
|       ./cleanResults                                               |
|_____|


<<<<<<<<<--  TO COMPILE THE JAVA FILES AND GENERATE DATA  -->>>>>>>>>

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|  Now, type                                                         |
|       make                                                         |
|  to recompile all the Java classes and then generate the data      |
|  Alternatively, you could run                                      |
|       javac *.java                                                 |
|       ./generateInput                                              |
|  instead of make because that's all it does anyway                 |
|                                                                    |
|  It is also possible to generate a single file with the number     |
|  of items you want.                                                |
|       java getRandoms num > outputFile                             |
|  will do the trick.  If you want it sorted, you can use the         |
|  following commands:                                               |
|        sort -g yourFile > temp                                     |
|        mv temp yourFile                                            |
|  Reverse sorting can be achieved by adding the -r switch to sort    |
|_____|


<<<<<<<<<------- TO RUN THE SORTS AND STORE THE DATA ------->>>>>>>>>

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|  To run ALL the sorts, run                                         |
|   ./runSorts                                                       |
|_____|


<<<<<<<<<------------- RUNNING INDIVIDUAL SORTS ------------->>>>>>>>>

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|  If you wish to run a sort individually, the format is as follows:  |
|     java SORTTYPE 'data/{random,reverse,sorted}/#of items' '#of items' |
|,  substituting proper values.  i.e.                                |
|     java QSort data/random/32 32                                   |
|                                                                    |
|                                                                    |
|  OPTIONAL:  if you want to output the sorted data to a file in order |
|  to verify the correctness of the sort, you would want to simply add |
|  another argument to the java call:  the file to write to.         |
|  EXAMPLE:                                                           |
|     java Insertion data/sorted/64 64 64.output                     |
|  This would perform insertion sort on 64 sorted numbers and print   |
|  the results in a file called 64.output in the current directory.   |
|_____|
```