

# References

//Data Structures

Arrays: <https://docs.oracle.com/javase/tutorial/java/nutsandbolts/arrays.html>

LinkedList: <https://www.javatpoint.com/java-linkedlist>

Stacks: <http://introcs.cs.princeton.edu/java/43stack/>

Queues: <http://introcs.cs.princeton.edu/java/43stack/>

Trees: <http://www.oopweb.com/Java/Documents/ThinkCSJav/Volume/chap17.htm>

HashTables: <https://www.javatpoint.com/java-hashtable>

[http://www.java2s.com/Tutorial/Java/0140\\_\\_Collections/DisplayingHashTableContents.htm](http://www.java2s.com/Tutorial/Java/0140__Collections/DisplayingHashTableContents.htm)

ArrayLists: <https://www.javatpoint.com/java-arraylist>

//Algorithms

Linear Search:

[https://www.tutorialspoint.com/data\\_structures\\_algorithms/linear\\_search\\_algorithm.htm](https://www.tutorialspoint.com/data_structures_algorithms/linear_search_algorithm.htm)

Binary

Search: <https://www.khanacademy.org/computing/computer-science/algorithms/binary-search/a/binary-search>

<http://www.cs.toronto.edu/~reid/search/bincode.html>

Bubble Sort: <https://www.javatpoint.com/bubble-sort-in-java>

<http://stackoverflow.com/questions/16088994/sorting-an-array-of-int-using-bubblesort>

Insertion Sort:

[https://www.tutorialspoint.com/data\\_structures\\_algorithms/insertion\\_sort\\_algorithm.htm](https://www.tutorialspoint.com/data_structures_algorithms/insertion_sort_algorithm.htm)

<https://www.javatpoint.com/insertion-sort-in-java>

Merge Sort:

<https://www.khanacademy.org/computing/computer-science/algorithms/merge-sort/a/overview-of-merge-sort>

Quick Sort: <http://www.vogella.com/tutorials/JavaAlgorithmsQuicksort/article.html>

//BigO

<https://rob-bell.net/2009/06/a-beginners-guide-to-big-o-notation/>

[http://web.mit.edu/16.070/www/lecture/big\\_o.pdf](http://web.mit.edu/16.070/www/lecture/big_o.pdf)

//Other

<http://cooervo.github.io/Algorithms-DataStructures-BigONotation/algorithms.html>

<http://docs.oracle.com/javase/tutorial/uiswing/components/icon.html>