Collections

Methods -

Sort(x) x = array

binarySearch (x,y ) x = array ,y = value

fill(x,y) x = array , y= value

rotate (x) x = array shifts items

reverse (x) reverses order of items in array x

General Big O chart for N^2 Sorts

Name Best Case Avg. Case Worst

Selection Sort O(N^2) O(N^2) O(N^2)

Bubble Sort O(N^2) O(N^2) O(N^2)

Insertion Sort O(N)(@) O(N^2) O(N^2)

Merge Sort O(N log2 N) O(N log2 N) O(N log2 N)

QuickSort O(N log2 N) O(N log2 N) O(N^2) (@)