**Bubble Sort – Example Java Code**

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| package bubblesort;  import java.util.Arrays;  public class BubbleSort {  public static void main(String[] args) {  int[] list = {5,2,65,6,7,1,9,5,3,10};    boolean changed = true;    while(changed){  changed = false;  for(int i = 0; i < list.length-1;i++){  //compare the value of i to the value on it's right  if(list[i] > list[i+1]){  //put i into temp  int temp = list[i];  //replace i with i+1(Value on i's right)  list[i] = list[i+1];  //swap value of i from temp into i+1  list[i+1] = temp;  //changed set to true - if not set to true at end of for loop bubble sort end  changed = true;  }  }  }    System.out.println(Arrays.toString(list));  }  } |