**BubbleSort**

public class BubbleSortExample {

    static void bubbleSort(int[] arr) {

        int n = arr.length;

        int temp = 0;

         for(int i=0; i < n; i++){

                 for(int j=1; j < (n-i); j++){

                          if(arr[j-1] > arr[j]){

                                 //swap elements

                                 temp = arr[j-1];

                                 arr[j-1] = arr[j];

                                 arr[j] = temp;

                         }

                 }

         }

    }

    public static void main(String[] args) {

                int arr[] ={3,60,35,2,45,320,5};

                System.out.println("Array Before Bubble Sort");

                for(int i=0; i < arr.length; i++){

                        System.out.print(arr[i] + " ");

                }

                System.out.println();

                bubbleSort(arr);//sorting array elements using bubble sort

                System.out.println("Array After Bubble Sort");

                for(int i=0; i < arr.length; i++){

                        System.out.print(arr[i] + " ");

                }

        }

}