```java
Public class Selection Sort Example {
    Public static void
    selection Sort (int [] arr){
        for (int i=0; i< arr.length -1; i++)
        {
            int index = i;
            for (int j = i+1; j < arr.length; j++){
                if (arr[j] < arr[index]) {
                    index = j; // searching for lowest index
                }
            }
            in smaller Number = arr[index];
            arr[index] = arr[i];
            arr[i] = smaller Number;
        }
    }

    Public static void main (string a[]){
```

```java
int [] arr] = {9, 14, 3, 2, 43, 11, 59, 22};
System.out.Println ("Before selection
                                    sort");
for (int i :arr]){

    System.out.Println ();
selection sort (arr]); // sorting array
using selection sort
System.out.Println ("After Selection
                                    sort");
    for (int i: arr]){

    System.out.Print (i+" ");
    }

}

}
```