EXAMPLE: BUBBLE SORT

package aug10thjp;

import java.util.Arrays;

public class BubbleSort {

public static void B\_sort(int[]arr) {

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

for(int j=0;j<arr.length-1;j++) {

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

int temp=arr[j];

arr[j]=arr[j+1];

arr[j+1]=temp;

}

}

}System.***out***.println(Arrays.*toString*(arr));

}

public static void main(String[] args) {

int [] arr= {15,85,98,5,3,65,108,89,32};

*B\_sort*(arr);

}

}

OUTPUT:

[3, 5, 15, 32, 65, 85, 89, 98, 108]

package aug10thjp;

import java.util.Arrays;

public class BubbleSort {

public static void B\_sort(int[] arr) {

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

for(int j=0;j<arr.length-1;j++) {

if(arr[j]<arr[j+1]) {

int temp=arr[j];

arr[j]=arr[j+1];

arr[j+1]=temp;

}

}

}System.***out***.println(Arrays.*toString*(arr));

}

public static void main(String[] args) {

int [] arr= {15,85,98,5,3,65,108,89,32};

*B\_sort*(arr);

}

}

OUTPUT:

[108, 98, 89, 85, 65, 32, 15, 5, 3]