Bubble Sort:-

import java.util.Scanner;

class Bubblesort

{

public static void main(String[] args)

{

int n;

int temp = 0;

Scanner sc=new Scanner(System.in);

System.out.print("Enter the number of elements you want to store: ");

n=sc.nextInt();

int[] array = new int[10];

System.out.println("Enter the elements of the array: ");

for(int i=0; i<n; i++)

{

array[i]=sc.nextInt();

}

System.out.println("Array elements are: ");

for (int i=0; i<n; i++)

{

System.out.println(array[i]);

}

for(int i=0; i < n; i++)

{

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

{

if(array[j-1] > array[j])

{

temp = array[j-1];

array[j-1] = array[j];

array[j] = temp;

}

}

}

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

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

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

}

}

}

Output:-

