**Selection Sort Code:**

import java.util.\*;

public class Main

{

public static void selectionSort(int []arr){

int n = arr.length;

for(int i = 0; i<n-1; i++){

int min = i;

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

if(arr[j] < arr[min]){

min = j;

}

}

int temp = arr[i];

arr[i] = arr[min];

arr[min] = temp;

}

return;

}

public static void printArray(int []arr){

for(int i : arr){

System.out.print(i+" ");

}

System.out.println();

return;

}

public static void main(String[] args) {

// int []arr = {2,1,7,3,8};

Scanner sc = new Scanner(System.in);

int []arr = new int[5];

System.out.println("Enter array elements");

for(int i = 0; i<5; i++){

arr[i] = sc.nextInt();

}

System.out.println();

printArray(arr);

System.out.println("selectionSort in ascending order");

selectionSort(arr);

printArray(arr);

}

}

**Output:**

Enter array elements

1

5

4

8

6

1 5 4 8 6

selectionSort in ascending order

1 4 5 6 8