Problem Set 3 Exercise #02: Is Array Sorted?

Reference: Lecture 6 notes

Learning objective: One-dimensional array

Estimated completion time: 15 minutes

Problem statement:

Write a program **PS3_Ex02_Sorted.java**. Your program should contain a static method

```
boolean isSorted(int[] arr)
```

that returns true if all the elements in **arr** are sorted in non-decreasing order, or false otherwise.

Sample run #1:

```
Enter the size of the array: 4
Enter 4 elements: 1 -2 8 6
Given array is not sorted
```

Sample run #2:

```
Enter the size of the array: 5
Enter 5 elements: 4 6 7 7 9
Given array is sorted
```