// Program to Create and Print an Array

public class ArrayExample {

 public static void main(String[] args) {

 // Initialize an array of integers

 int[] numbers = {5, 2, 8, 7, 1};

 // Print elements of the array

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

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

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

 }

 }

}

// Program to Sort an Array in Ascending Order

 import java.util.Arrays;

public class SortArray {

 public static void main(String[] args) {

 int[] numbers = {5, 2, 8, 7, 1};

 // Sort the array

 Arrays.sort(numbers);

 // Print the sorted array

 System.out.println("Sorted array:");

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

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

 }

 }

}

// Program to Reverse an Array

public class ReverseArray {

 public static void main(String[] args) {

 int[] numbers = {5, 2, 8, 7, 1};

 System.out.println("Original array:");

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

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

 }

 // Reverse the array

 System.out.println("\nReversed array:");

 for (int i = numbers.length - 1; i >= 0; i--) {

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

 }

 }

}