```java
package Array1D;

public class MinMax {

    static int minimum(int arr[]){
        int min = arr[0];
        for (int i = 0; i < arr.length; i++) {
            if (arr[i] < min){
                min = arr[i];
            }
        }
        return min;
    }

    static int maximum(int[] arr){
        int max = arr[0];
        for (int i = 0; i < arr.length; i++) {
            if (arr[i] > max){
                max = arr[i];
            }
        }
        return max;
    }

    public static void main(String[] args) {
        int[] array = {2,53425,3452,43523,53523,5};
        System.out.println("Minimum = " +minimum(
array));
        System.out.println("Maximum = " +maximum(
array));
    }
}

```

```java
package Array1D;

import java.util.Scanner;

public class  InputOutput {

    public static void main(String[] args) {
        int[] array = new int[5];
        Scanner in = new Scanner(System.in);
        for (int i = 0; i < array.length; i++) {
            array[i] = in.nextInt();
        }


        for (int i = 0; i < array.length; i++) {
            System.out.print(array[i] + " ");
        }
    }
}

```

```java
package Array1D;

import java.util.Scanner;

public class LinearSearch {

    static int linearSearch(int[] arr, int element
){
        for (int i = 0; i < arr.length; i++) {
                if (arr[i] == element){
                    return i;
                }
        }
        return -1;
    }


    public static void main(String[] args) {

        int[] array = new int[5];
        Scanner in = new Scanner(System.in);
        for (int i = 0; i < array.length; i++) {
            array[i] = in.nextInt();
        }

        System.out.println(linearSearch(array,3));
    }
}

```

```java
package Array1D;

import java.util.Scanner;

public class ReverseArray {
    public static void main(String[] args) {
        int[] array = new int[5];
        Scanner in = new Scanner(System.in);
        for (int i = 0; i < array.length; i++) {
            array[i] = in.nextInt();
        }
        int temp;

        for (int i = 0; i < array.length/2; i++) {
             temp = array[i];
             array[i] = array[array.length-i-1];
            array[array.length-i-1] = temp;
        }

        for (int i = 0; i < array.length; i++) {
            System.out.print(array[i] + " ");
        }
    }
}

```

```java
package Array1D;

import java.util.Scanner;

public class SumOfElements {

    public static void main(String[] args) {
        int[] array = new int[5];
        Scanner in = new Scanner(System.in);
        for (int i = 0; i < array.length; i++) {
            array[i] = in.nextInt();
        }

        int sum = 0;

        for (int i = 0; i < array.length; i++) {
            sum += array[i];
        }

        System.out.println("Sum = " + sum);
    }
}

```

```java
package Array1D;

import java.util.Scanner;

public class SpiltIntoEvenOdd {

    public static void main(String[] args) {

        int[] array = new int[5];
        Scanner in = new Scanner(System.in);
        for (int i = 0; i < array.length; i++) {
            array[i] = in.nextInt();
        }
        int[] even = new int[array.length];
        int evenCounter = 0;
        int[] odd = new int[array.length];
        int oddCounter = 0;


        for (int i = 0; i < array.length; i++) {
            if (array[i] %2 == 0){
                even[evenCounter++] = array[i];
            } else{
                odd[oddCounter++] = array[i];
            }
        }

        System.out.print("Even array is : ");
        for (int i = 0; i < evenCounter ; i++) {
            System.out.print(even[i] + " ");
        }
        System.out.println();

        System.out.print("Odd array is : ");
        for (int i = 0; i < oddCounter; i++) {
            System.out.print(odd[i] + " ");
        }
        System.out.println();
    }

}
```