#### Print First NON MATCHING NUMBER

```
\gamma = 6
auil
                      5
                                         4
                                   3
avna
               2
                      5
                                         3
                           public static void main(String[] args) {
                               Scanner scn = new Scanner(System.in);
 and \rightarrow 3
                               int n = scn.nextInt();
                               int[] arr1 = new int[n];
                               for (int i = 0; i < n; i++) {
                                   arr1[i] = scn.nextInt();
                               }
                               int[] arr2 = new int[n];
                               for (int i = 0; i < n; i++) {
                                   arr2[i] = scn.nextInt();
                               }
                               int ans = checkFirstNonMatchingNumber(arr1, arr2, n);
                               System.out.println(ans);
                           public static int checkFirstNonMatchingNumber(int[] arr1, int[] arr2, int n) {
                               for (int i = 0; i < n; i++) {
                                   if ( arr1[i] != arr2[i] ) {
                                       return i;
                               return 2345;
```

## Sum of all Elements of Array

```
-10
                                    15
Sum = 0 + 2 + 5 + (-2) + (-10) + 15 + 6
  public static void main(String[] args) {
      Scanner scn = new Scanner(System.in);
      int n = scn.nextInt();
      int[] arr = new int[n];
      for (int i = 0; i < n; i++) {
         arr[i] = scn.nextInt();
      System.out.println(findSum(arr));
  public static int findSum(int[] arr) {
      int sum = 0;
      for (int i = 0; i < arr.length; i++) {
         sum = sum + arr[i];
      return sum;
```

### **Maximum of Array**

#### **GKSTR35 Count\_Even**

# **Product of Elements Except Itself**

mested loops
when you
travel entire
array for
each element

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
    int[] arr = new int[n];
    for (int i = 0; i < n; i++) {
        arr[i] = scn.nextInt();
    prodExceptItself(arr, n);
public static void prodExceptItself(int[] arr, int n){
    for (int i = 0; i < n; i++) {
        int prod = 1;
        for (int j = 0; j < n; j++) {
            if ( i != j ) {
                prod = prod * arr[j];
```