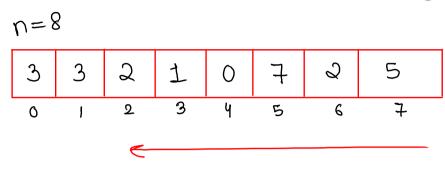
Print first index of x in array



an = 6

```
int n = scn.nextInt();
int[] arr = new int[n];
for (int i = 0; i < n; i++) {
    arr[i] = scn.nextInt();
}
int target = scn.nextInt();

int ans = findFirstIndex(n, arr, target);
System.out.println(ans);
}

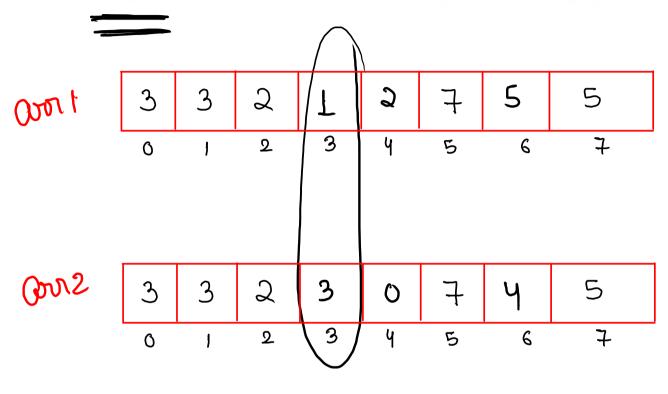
public static int findFirstIndex(int n, int[] arr, int target) {
    for (int i = 0; i < n; i++) {
        if (arr[i] == target) {
            return i;
        }
}</pre>
```

public static void main(String[] args) {

Scanner scn = new Scanner(System.in);

513e=8

Print First NON MATCHING NUMBER

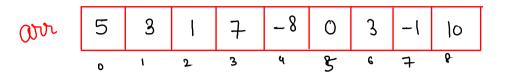


$$\int ONS = 3$$

```
code
```

```
public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        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();
       // main logic
                                                    Syso (am)j
(int ans firstNonMatchingNumber(arr1, arr2, n);
                   int
   public static void firstNonMatchingNumber(int[] arr1, int[] arr2, int n) {
       for (int i = 0; i < n; i++) {
          -if ( arr1[i] != arr2[i] ) {
   //System.out.println(i);
   return;
}
```

Sum of all Elements of Array



psudo code

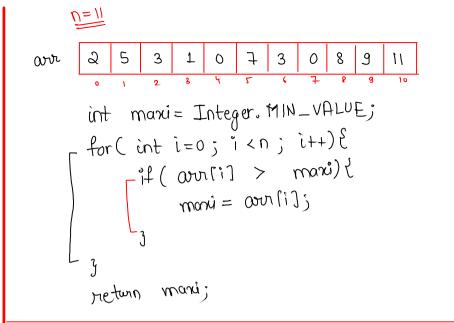
- 1) declare sum with initial value zero
- 2) Iterate over away from start to end
 - 201) pick each element and add it in sum
- 3) netwin sum

code

```
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();
    // 3 steps
   int sum = 0;
   for (int i = 0; i < n; i++) {
        sum += arr[i];
   System.out.println(sum);
```

Maximum of Array

$$dry$$
 nun
 01239
 $1|5|0|377$
 $ans=7$



```
Declare marci with value -\infty

a) Iterate from start to end

a) compare current element with mani

a) consider the larger value

3) Return marci.
```

```
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();
    max(arr, n);
public static void max(int[] arr, int n) {
    int max = Integer.MIN_VALUE;
    for (int i = 0; i < n; i++) {
        if ( arr[i] > max ) {
            max = arr[i];
    System.out.println(max);
```



avr

$$maxi = -0$$
 25789
 11
 $i = 0$, $2 > -0$
 $i = 1$, $3 > 5$
 $i = 2$, $3 > 5$
 $i = 3$, $4 > 5$
 $i = 4$, $4 > 5$
 $i = 6$, $4 > 7$
 $i = 10$, $4 > 7$
 $i = 10$, $4 > 7$