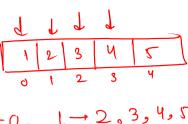
## due Print Pair

```
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();
      solve(arr, n);
 public static void solve(int[] arr, int n) {

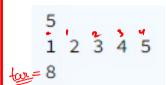
    for (int i = 0; i < n; i++) {</pre>
        for (int j = i + 1; j < n; j++) {
             System.out.println(arr[i] + " " + arr[j]);
S.C = O(1)

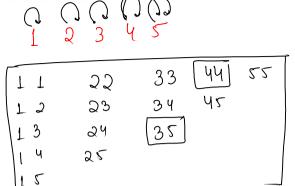
T.C = O(N \times N)
```



$$i=0, 1\rightarrow 2, 3, 4, 5$$
  
 $i=1, 2\rightarrow 3, 4, 5$   
 $i=2, 3\rightarrow 4, 5$   
 $i=3, 4\rightarrow 5$ 

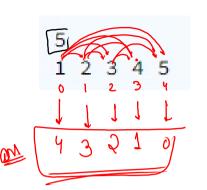






```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
   int n = scn.nextInt();
   int[] arr = new int[n];
    for (int i = 0; i < n; i++) {
        arr[i] = scn.nextInt();
    int target = scn.nextInt();
    solve(arr, n, target);
public static void solve(int[] arr, int n, int target) {
    for (int i = 0; i < n; i++) {
        for (int j = i; j < n; j++) {
            int num1 = arr[i];
            int num2 = arr[j];
            if (num1 + num2 == target) {
                System.out.println(num1 + " " + num2);
```

## **Greater Than Me**



```
count = 9 \times 2 \times 3 \times 5
count = 9 \times 2 \times 5 \times 5
count = 9 \times 2 \times 5 \times 5
count = 9 \times 2 \times 3
count = 9 \times 2 \times 3
count = 0
```

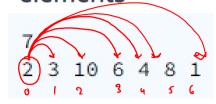
System.out.print(count + " ");

```
C=8/23
                            C=0/X2
                             C= 912345
 i=0(7) 7>7, 8>7, 9>7 (28/23-4
 i=1,(8) 7>8, 8>8, 9>8,0>8, 1>8,2>8
 i=2(9) 7>9, 8>9, 9>9, 0>9----
(1-3) (0) 7 > 0, 9 > 0, 9 > 0, 0 > 0, 1 > 0, 2 > 0
(=4(1), 7>1, 8>1, 9>1, 6>1, 1>1, 2>1
(=5(2), 7>2, 1>2, 9>2,0>2, 1>2,2<sup>2</sup>
```

## **Greater At Right**

```
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():
    solve(arr, n);
public static void solve(int[] arr, int n) {
   for (int i = 0; i < n; i++) {
        int count = 0;
        for (int j = i; j < n; j++) {
            int num1 = arr[i];
            int num2 = arr[i];
            if (num1 < num2) {
                count++:
        System.out.print(count + " ");
```

maximum difference between the two elements



Larger element should be at right

Li smaller element should be at left

Li diff. of both no. should be manimum

```
public static void solve(int[] arr, int n) {
   int ans = 0;
   for (int i = 0; i < n; i++) {
       for (int j = i; j < n; j++) {
           int num1 = arr[i];
                                              medky
           int num2 = arr[j];
          cif ( num2 > num1 ) {
              int diff = num2 - num1;
              if ( diff > ans ) {
                  ans = diff:
   System.out.println(ans);
                                        1>6,2>6,5>1
2×1,5>1
```

## Find Duplicate 3