#### GKSTR35 Count\_Even

```
// take input

// func call and collect

}

public static int count(int arr[]){
   int count = 0;
   for(int i = 0; i < n;i++){
       if(arr[i] % 2==0){
            count++;
       }
   }
   return count;
}</pre>
```

## **Maximum of Array**

```
// take input

// func call and collect

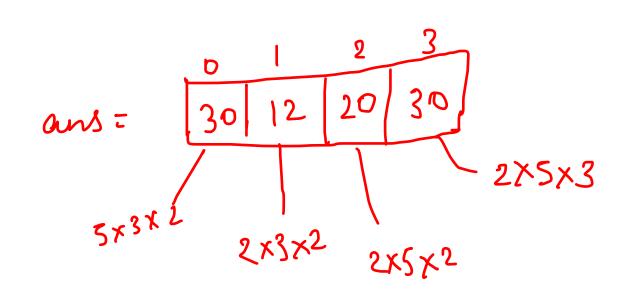
public static int max(int arr[]){
   int max = -1;
   for(int i = 0; i < arr.length; i++){
       if(arr[i] > max){
       max = arr[i];
      }
   }
   return max;
}
```

# Product of Elements Except Itself

$$n = 4$$

$$0 \quad 1 \quad 2 \quad 3$$

$$2 \quad 5 \quad 8 \quad 2$$



Note > nested books means surring entre assay for cach element

22) traverse from 
$$0-(n-1) \rightarrow 0$$

$$i = 0, j = 0, prod. = 1$$
 $i = 1, prod. = 5$ 
 $i = 1, prod. = 5$ 
 $i = 2, p = 15$ 
 $i = 3, p = 30$ 

$$i = 1$$
,  $j = 0$ ,  $p = 1 \times 2 = 2$   
 $j = 1$ ,  $p = 2$   
 $j = 2$ ,  $p = 2 \times 3 = 6$   
 $j = 3$ ,  $p = 6 \times 2 = 12$ 

$$i = 2, j = 0, P = 1 \times = 2$$
 $j = 1, P = 16$ 
 $j = 2, P = 16$ 
 $j = 3, p = 20$ 

```
Scanner s = new Scanner(System.in);
int n = s.nextInt();
int arr[] = new int[n];
for(int i = 0 ; i < n; i++){
    arr[i] = s.nextInt();
}

product(arr,n);
}

public static void product(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 *= arr[j];
        }
        System.out.println(prod);
}</pre>
```

Error Ilt Time limit Exceld-

Sun exceptilset-26-2 26-1 21-8 26-2 26-1 21-8 26-2 24/19/18/17 5-0,26-2 i=1,26-7

Houlput for(i=0; Kn; i++) Syro (total sum - purli)) v=2, 26-8 i 23,26<sup>-9</sup>

11 Later i/P for (i=0), cn; its)
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for (i=0), cn; its)

$$i = 0 < 4$$
 $2! = 3 T$ 
 $k + 1;$ 
 $i = 2 < 4$ 
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$$5 = 3 = 3 = 3$$
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12 13 14 15 16 0 1 2 3 4 Sample Output 0 12 13 14 15 16 farget ["undern [i]]. target [index[o]] = num[o] target [o] = 12 farget [index [o]] = nums[o] farget [4] = num[o]

```
Scanner s = new Scanner(System.in);
   int n = s.nextInt();
   int nums[] = new int[n];
   for(int i = 0; i < n; i++){
        nums[i] = s.nextInt();
    int index[] = new int[n];
  for(int i = 0; i < n; i++){
        index[i] = s.nextInt();
   int arr[] = targetArray(nums, index, n);
   for(int i = 0; i < arr.length; i++){</pre>
        System.out.print(arr[i] + " ");
}
public static int[] targetArray(int nums[], int index[], int n){
   int target[] = new int[n];
   for(int i = 0; i < n; i++){
        target[index[i]] = nums[i];
   return target;
```

```
1 2 3 4 5 6 7 8 9 10 - W
                                              Left ändre rightadse
2 8
    一人人
0
      0
                                      8
                             0
```

```
public static int[] update(int arr[] , int left, int right, int x){
    for(int i = left; i <= right; i++){
        arr[i] = x;
    }
    return arr;
}</pre>
```

```
// array input

// int left index input

// right index input

// int x input

// function call, collect and print
```

}

6 0 2 1 5 3 4 → nums? 0 2 1 5 3 4 5

0 1 2 4 5 3 i=4, runs [runs[4]) run[3] >5 i=5, runs[min[5]] run [47733

[-0, nuns[num[i]] prins [run [0]] 0 < [0] my Ü=1, run[mems[1]] muns[2] > 1 [ = 2, nuns[nuns[2]] runs[7] -> 2 i=3, num[nums[3] nums[5] > 4

Jans [i] = mins [num [i]]

## **Print Pair**

```
// array input
    // function call
}

public static void pairs(int arr[], int n){
    for(int i = 0; i < n; i++){
        for(int j = i +1; j < n; j++){
            Syso(arr[i] + " " + arr[j]);
        }
    }
}</pre>
```

### Find all Combination