

from strong #

## Revision

- ① Rain water trapping
- ② product of elements except itself.
- ③ Add one
- ④ Index as an element

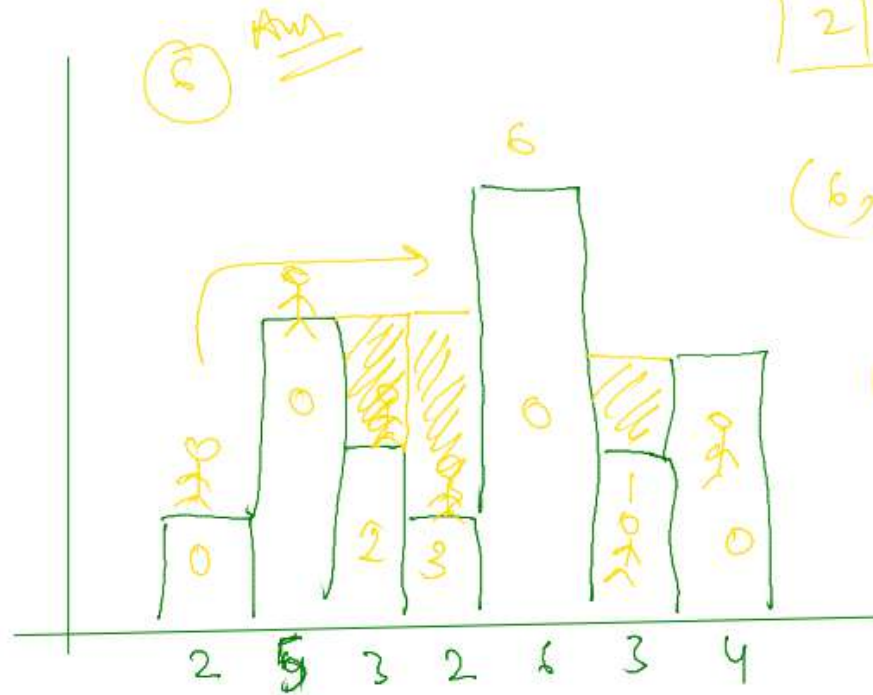
$$\text{ans} = 0$$

$$(5, 6) - 5 = 0$$

$$\text{min}(2, 6) - 2 = 2 - 2 = 0$$

$$(5, 6) - 3 = 5 - 3 = 2$$

$$(5, 6) - 2 = 3$$



2 | 5 | 3 | 2 | 6 | 3 | 4

$$(6, 4) - 1 = 1$$

$$(6, 4) - 4 = 0$$

Ques

```
int[] arr = new int[n];

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

int oprod = 1;
for(int i=0; i<n; i++){
    oprod *= arr[i];
}

for(int i=0; i<n; i++){
    if(arr[i] == 0){
        int ans = 1;
        for(int j=0; j<n; j++){
            if(i != j){
                ans *= arr[j];
            }
        }
        System.out.println(ans);
    } else {
        System.out.println(oprod/arr[i]);
    }
}

/* Enter your code here. Read input from STDIN. Print output to STDOUT. Your
```

$\Rightarrow$   
oprod = 0

o/p

120
50
40
30
24

o/p

0 ✓
0 ✓
40 ✓
0 ✓
0 ✓

→ ↓ × →

1	2	0	4	5
---	---	---	---	---

0 1 2 3 4  
i i i i i  
8 8 8 8 5  
0/1 0/2  
0/4

Q.3 Index as an element

6  
0 2 1 5 3 4  
0 1 2 3 4 5  
Sample Output 0

num

0 1 2 4 5 3  
0 1 2 3 4 5

0	2	1	5	3	4
0	1	2	3	4	5
i	i	i	i	i	i

0	1	2	4	5	3
0	1	2	3	4	5
i	i	i	i	i	i

```
int[] ans = new int[n]; ✓

for(int i=0;i<n;i++){
    ans[i]=num[num[i]];
}

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

/* Enter your code here. Read input from STDIN. Print out;
```

1 2 3 4 5 6 7 8 9 10 11 12

1 2 3 5 9 8 9 0 6 3 2 + 2

=

1 2 3 5 9 8 9 0 6 3 4

Ques Print all unique Prime factor.

i = 2 3 4 5 6

175 % 5 = 0

2	350
5	175 ✓
5	35 ✓
7	5 ✓
	1

while (n % i == 0)

if (n % i == 0) & syso(i)

while (n % i == 0)

n = n / i;

i++

2  
5  
5  
7

0	1	2	3	4	5	6	7
a	b	c	d	e	f	g	h

for (i = 0 to arr.length - 1)

int val = arr[i];

for (j = 2; val % j == 0; j++)

if (val % j == 0) & syso(j)

val = val / j;

$$J = x^2$$

A hand-drawn diagram on a white background, consisting of a 10x10 grid of points. The points are marked with stars. The stars are colored blue or red. The blue stars are located at the following (row, column) coordinates (starting from the top-left): (1,1), (1,3), (1,5), (1,7), (1,9), (2,1), (2,9), (3,1), (3,9), (4,1), (4,3), (4,5), (4,7), (4,9), (5,1), (5,3), (5,5), (5,7), (5,9), (6,1), (6,9), (7,1), (7,3), (7,5), (7,7), (7,9), (8,1), (8,3), (8,5), (8,7), (8,9), (9,1), (9,3), (9,5), (9,7), (9,9). The red stars are located at the following (row, column) coordinates: (10,1), (10,2), (10,3), (10,4), (10,5), (10,6), (10,7), (10,8), (10,9), (10,10). There are also red arrows: one at (10,1) pointing right, one at (10,2) pointing down, and one at (10,10) pointing left.

for (i = 1 to n) {

for  $\gamma = 170$  ml  $\gamma$

6.  $12(18, 3) = 21$   $11 \underline{5} = 1$   $11 \underline{5} = m$  } 2

Syso (#)

Ques 2

Sp. (-)

4