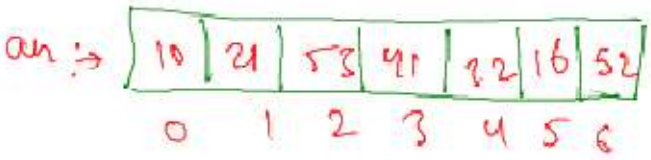
Ques Maximum element of array



max = 53

→ Output

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

if (max<arr[i]){

max = arr[i];

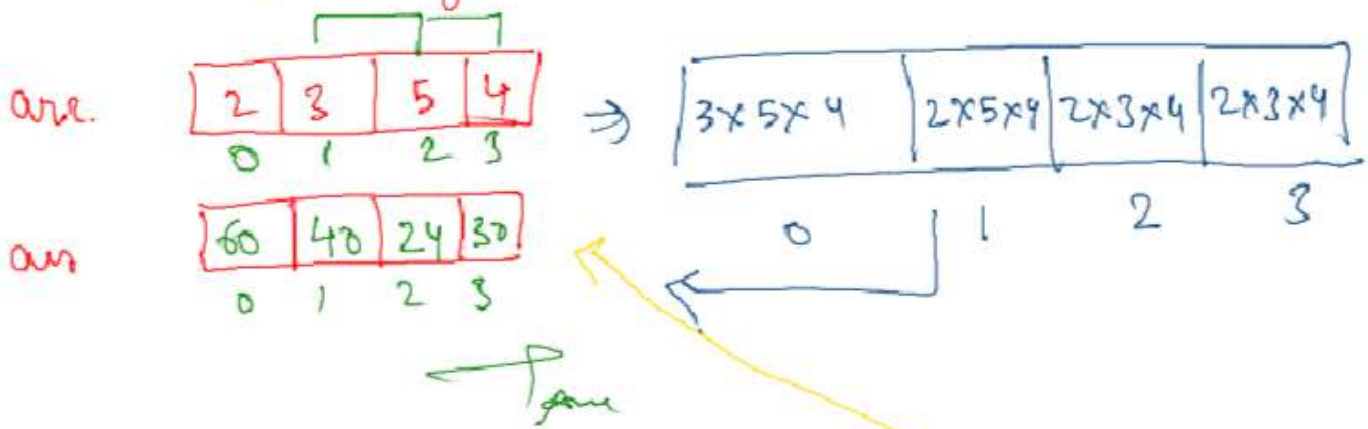
}

}

System(max);

```
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 max =Integer.MIN_VALUE;


    for(int i=0;i<n;i++){
        if(max<arr[i]){
            max = arr[i];
        }
    }

    System.out.println(max);
```

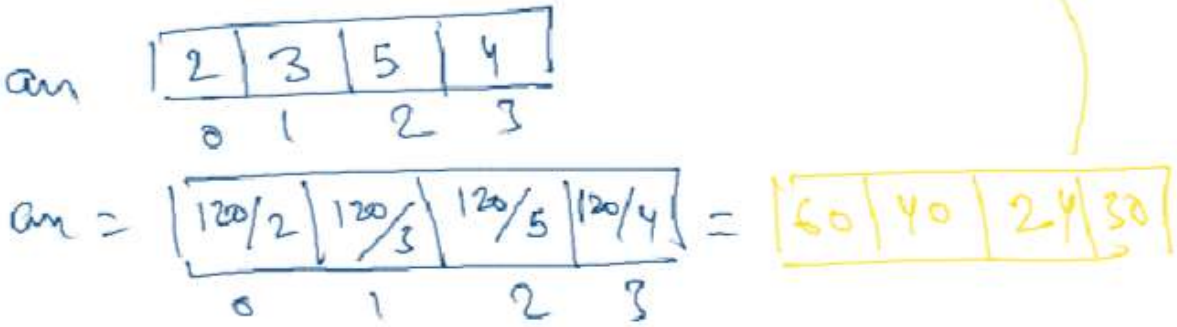
Qu product except itself



approach

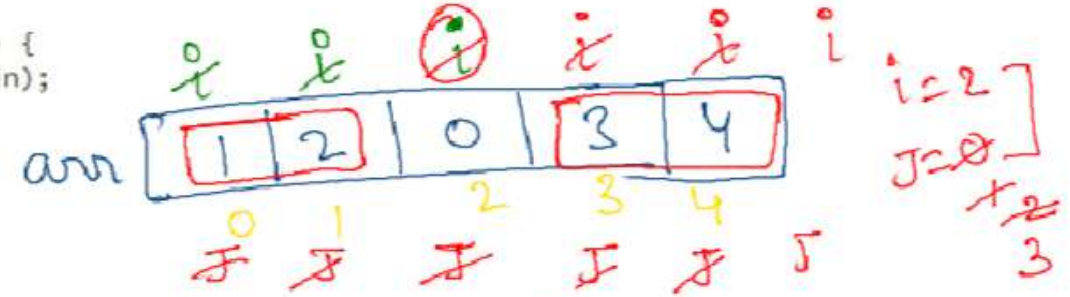
product = 2 * 3 * 5 * 4

= 120



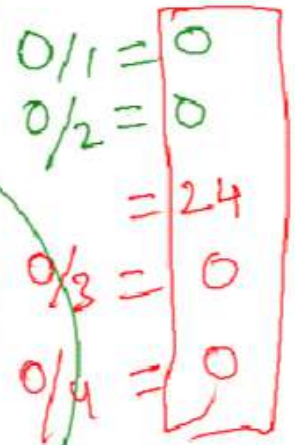
find product of each element
then iterate through array and
divide that product with that
index value of array.

```
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 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]);
        }
    }
    // Write your code here. Read input from STDIN. Print output to STDOUT. Your c
}
```



oprod = 0

Output ⇒



True

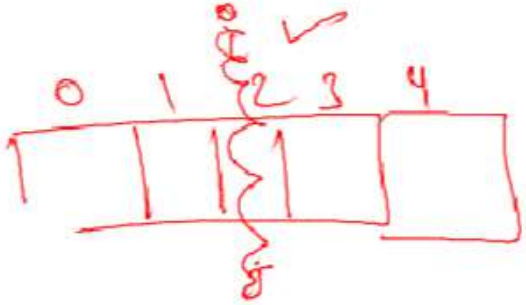
24

arr = *

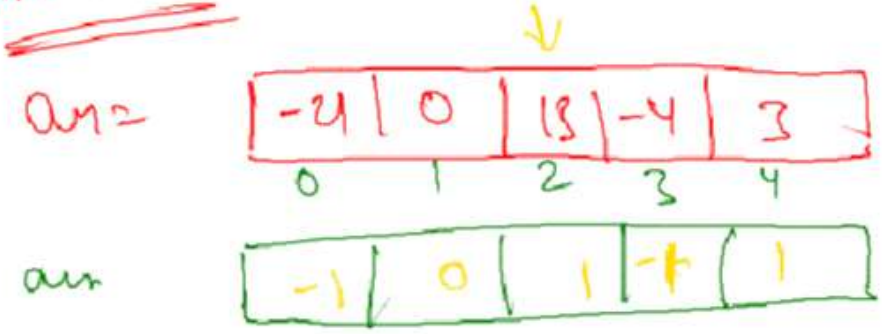
1 * 2 = 2 * 3

= 6 * 4

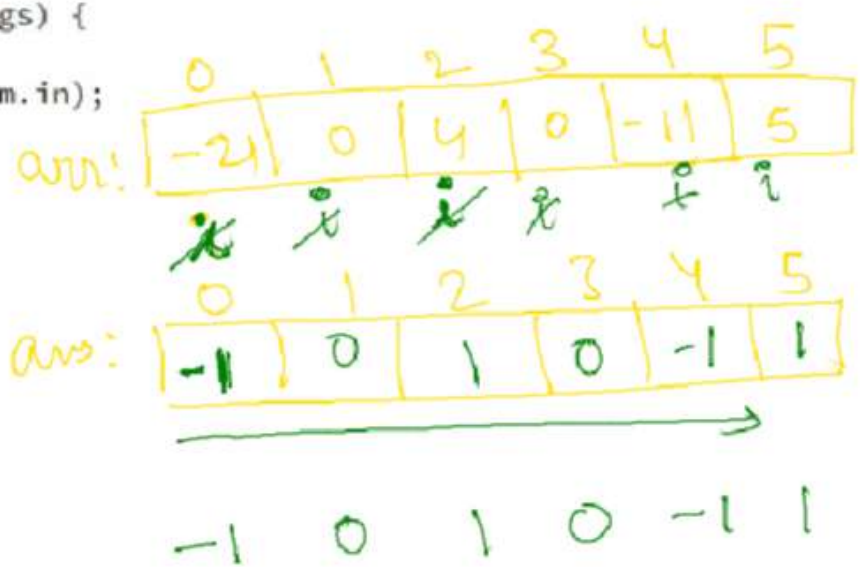
= 24



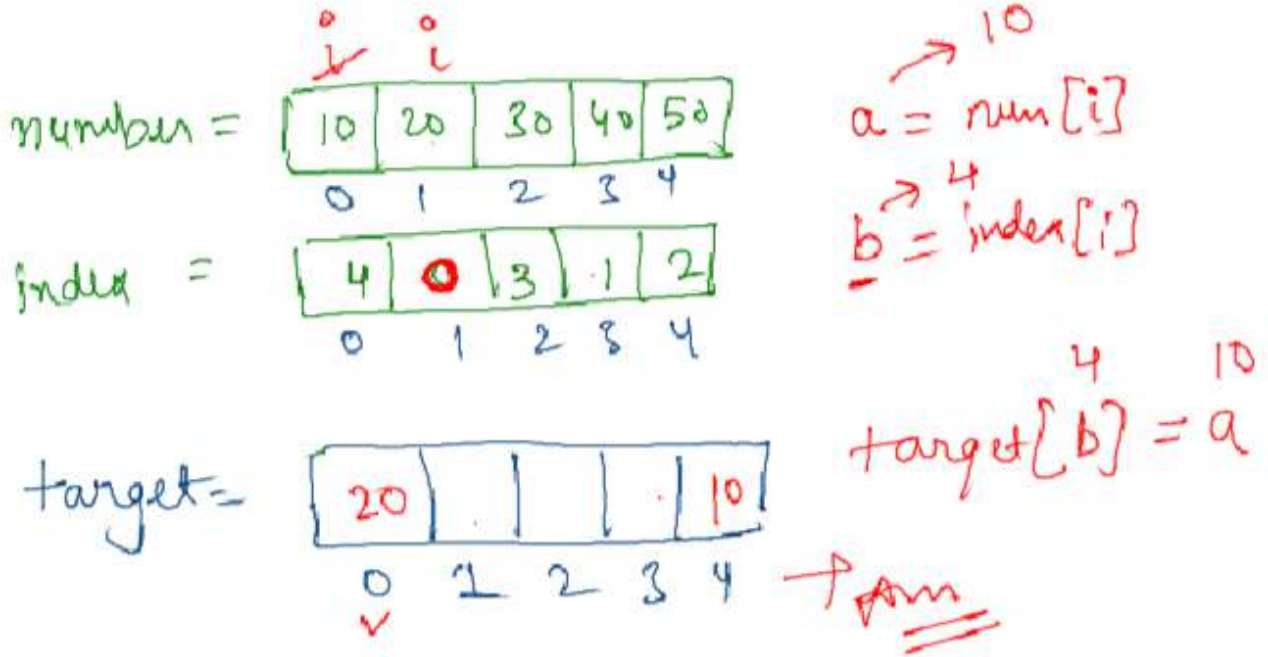
Qus Update value



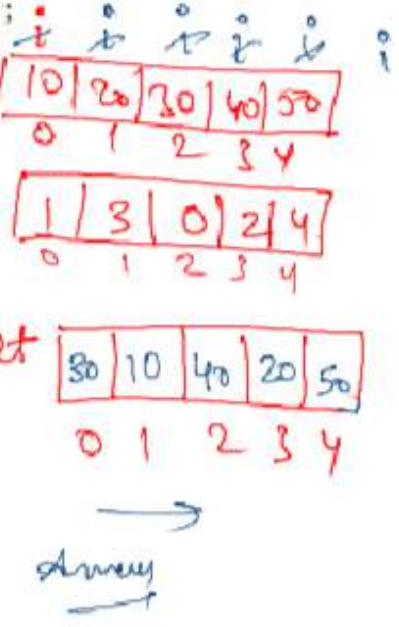

```java
public static void main(String[] args) {

    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[] ans = new int[n];

    for(int i=0;i<n;i++){
        if(arr[i]<0){
            ans[i]=-1;
        }else if(arr[i]==0){
            ans[i]=0;
        }else{
            ans[i]=1;
        }
    }

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



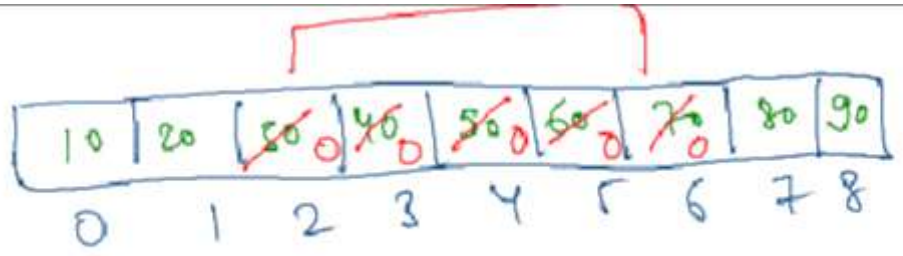
Question Solve




```java
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
    int[] number = new int[n];
    int[] index = new int[n];

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

    for(int i=0;i<n;i++){
        index[i]= scn.nextInt();
    }
    int[] target = new int[n];
    for(int i=0;i<n;i++){
        int a = index[i];
        int b = number[i];
        target[a]=b;
    }
    for(int i=0;i<n;i++){
       System.out.print(target[i]+" ");
    }
    /* Enter your code here. Read input from STDIN. Print output to STDOUT
}
```



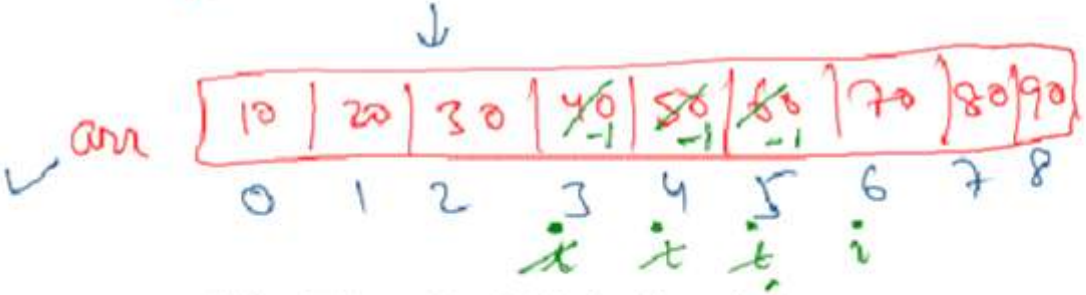
Qus



→ left = 2
→ right = 6

x = 0

for(left to right) {
arr[i] = x;
}




```
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 left = scn.nextInt(); 3
    int right= scn.nextInt(); 5
    int x = scn.nextInt(); -1

    for(int i =left ;i<=right;i++){
        arr[i]= x;
    }

    for(int i=0;i<n;i++){
       System.out.print(arr[i]+" ");
    }
    /* Enter your code here. Read input from STDIN. Print output to STI
```

Qus add one

Test Case 1

arr: 1 2 3 4 5 6 (0 1 2 3 4 5)

ans: 1 2 3 4 5 7

Test Case 2

arr: 1 2 3 4 5 9 (0 1 2 3 4 5)

ans: 1 2 3 4 6 0

Test Case 3

arr: 9 9

ans: 1 0 0

Qus

1 2 3 4 5

12 21 54
13 24 35
14 25 45
15

→

max = -∞ 10 50

i

10 30 27 30 40

max = 50

Qus Second Largest

arr: 10 20 50 40 5 9 (0 1 2 3 4 5)

Second Max = 40

max = -∞ 10 20 50

smax = -∞ 10 20 40

```
if (arr[i] > max){
    smax = max;
    max = arr[i];
}
else if (arr[i] > smax){
    smax = arr[i];
}
Sysso(smax);
```