#### Week 8-01-01

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```

### Source Code

```
#include<stdio.h>
int main()
{
    int t;
    scanf("%d",&t);
    while(t--)
    {
        int n,m;
        scanf("%d %d",&n,&m);
        int a[n];
        for(int i=0;i<n;i++)
        {
            scanf("%d",&a[i]);
        }
        int temp;
        for(int i=0;i<n-1;i++)
        }
        int temp;
        for(int i=0;i<n-1;i++)
        int temp;
        for(int i=0;i-1;i++)
        int temp;
        for(int i=0;i-1;i+++)
        int temp;
```

```
for(int i=0;i<n-1;i++)
    for(int j=0;j<n-i-1;j++)
       if(a[j]>a[j+1])
           temp=a[j];
           a[j]=a[j+1];
           a[j+1]=temp;
    }
int k, max=0, min=0;
k=n-m;
for(int i=0;i<k;i++)
   min+=a[i];
}
             }
         }
     int k, max=0, min=0;
     k=n-m;
     for(int i=0;i<k;i++)
         min+=a[i];
     for(int j=n-k;j<n;j++)</pre>
         max+=a[j];
     int ans;
     ans=max-min;
     printf("%d\n",ans);
 }
```

Result

}

|                     | Input                 | Expected | Got |   |  |
|---------------------|-----------------------|----------|-----|---|--|
| ~                   | 1<br>5 1<br>1 2 3 4 5 | 4        | 4   | ~ |  |
| Passed all tests! ✓ |                       |          |     |   |  |

### Week 8-01-02



A new deadly virus has infected large population of a planet. A brilliant scientist has discovered a new strain of virus which can cure this disease. Vaccine produced from this virus has various strength depending on midichlorians count. A person is cured only if midichlorians count in vaccine batch is more than midichlorians count of pach infected patient. Practo stores all vaccine doctor has and their midichlorians count. You need to determine if doctor can save all patients with the vaccines he has. The number of vaccines and patients are equal.

Input Format

First line contains the number of vaccines - N. Second line contains N integers, which are strength of vaccines. Third line contains N integers, which are midichlorians count of patients.

Output Format

Print a single line containing 'Yes' or 'No'.

Input Constraint

I < N < 10

Strength of vaccines and midichlorians count of patients fit in integer.

SAMPLE INPUT

5

123 146 454 542 456
100 328 248 689 200

SAMPLE OUTPUT

### Source Code

No

### Answer: (penalty regime: 0 %)

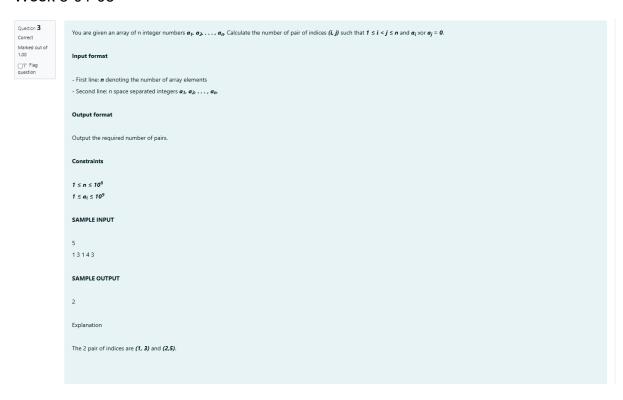
```
#include<stdio.h>
int main()
   int n;
   scanf("%d",&n);
   int a[n],b[n];
   for(int i=0;i<n;i++)
     scanf("%d", &a[i]);
   for(int i=0;i<n;i++)
       scanf("%d",&b[i]);
   int flag=0;
    for(int i=0;i<n;i++)
    for(int j=0;j<n;j++)</pre>
        if(a[i]>=a[j])
            flag=1;
            break;
        }
    if(flag==0)
   break;
if(flag==0)
    printf("Yes");
else
```

```
{
    printf("No");
}
```

### Result:

|                     | Input   | Expected | Got |   |  |
|---------------------|---|----------|-----|---|--|
| ~                   | 5<br>123 146 454 542 456<br>100 328 248 689 200 | No       | No  | ~ |  |
| Passed all tests! ✓ |   |          |     |   |  |

# Week 8-01-03



# Source Code

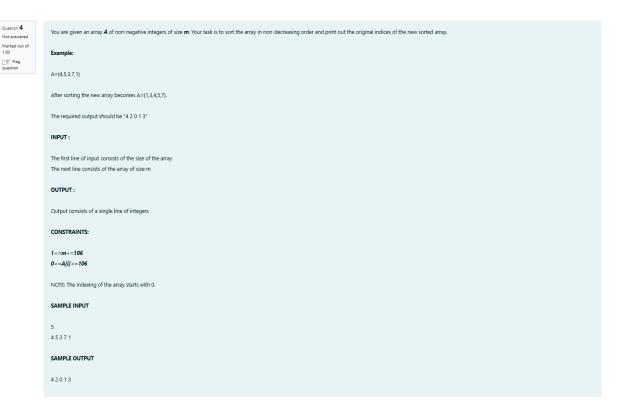
## Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{
    int n,c=0;
    scanf("%d",&n);
    int a[n];
    for(int i=0;i<n;i++)
    {
        scanf("%d",&a[i]);
    }
    for(int i=0;i<n;i++)
    {
        if(((a[i])^(a[j]))==1)
        {
        c++;
        }
    }
    printf("%d",c);</pre>
```

### Result

|                     | Input          | Expected | Got |          |
|---------------------|----------------|----------|-----|----------|
| ~                   | 5<br>1 3 1 4 3 | 2        | 2   | <b>~</b> |
| Passed all tests! ✓ |                |          |     |          |

Week 08-01-04



# Source Code

# **Answer:** (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{
    int n;
    scanf("%d",&n);
    int arr[n];
    for(int i=0;i<n;i++)
        scanf("%d",&arr[i]);
    int max=arr[0];
    for(int i=1;i<n;i++)
    {
        if(arr[i]>max)
        max=arr[i];
    }
    max++;
    int min=0;
    for(int a=0;a<n;a++)</pre>
```

```
max++;
int min=0;
for(int a=0;a<n;a++)
{
    for(int b=0;b<n;b++)
    {
        if(arr[b]<arr[min])
        min=b;
    }
printf("%d ",min);
    arr[min]=max;
}
</pre>
```

### Result

|   | Input          | Expected  | Got       |          |
|---|----------------|-----------|-----------|----------|
| ~ | 5<br>4 5 3 7 1 | 4 2 0 1 3 | 4 2 0 1 3 | <b>~</b> |

Passed all tests! <