

Answer: (penalty regime: 0 %)

```

1 #include <stdio.h>
2 void bubblesort(int arr[],int n){
3     int temp;
4     for(int i=0;i<n;i++){
5         for(int j=0;j<n-1-i;j++){
6             if(arr[j]>arr[j+1]){
7                 temp=arr[j];
8                 arr[j]=arr[j+1];
9                 arr[j+1]=temp;
10            }
11        }
12    }
13 }
14 int main(){
15     int T;
16     scanf("%d",&T);
17     while(T--){
18         int N,M;
19         scanf("%d %d",&N,&M);
20         int arr[N];
21         for(int i=0;i<N;i++){
22             scanf("%d",&arr[i]);
23         }
24         bubblesort(arr,N);
25         int min_sum=0;
26         for(int i=0;i<N-M;i++){
27             min_sum+=arr[i];
28         }
29         int max_sum=0;
30         for(int i=M;i<N;i++){
31             max_sum+=arr[i];
32         }
33         printf("%d\n",max_sum-min_sum);
34     }
35     return 0;
36 }
```

```
26    for(int i=0;i<N-M;i++){
27        min_sum+=arr[i];
28    }
29    int max_sum=0;
30    for(int i=M;i<N;i++){
31        max_sum+=arr[i];
32    }
33    printf("%d\n",max_sum-min_sum);
34 }
35 return 0;
36 }
```

Input	Expected	Got
✓ 1 5 1 1 2 3 4 5	4	4 ✓

Passed all tests! ✓

Answer: (penalty regime: 0 %)

```

1 #include <stdio.h>
2 void bubblesort(int arr[],int n){
3     int temp,i,j;
4     for(i=0;i<n-1;i++){
5         for(j=0;j<n-i-1;j++){
6             if(arr[j]>arr[j+1]){
7                 temp=arr[j];
8                 arr[j]=arr[j+1];
9                 arr[j+1]=temp;
10            }
11        }
12    }
13 }
14 int main(){
15     int N;
16     scanf("%d",&N);
17     int vaccines[N];
18     int patients[N];
19     for(int i=0;i<N;i++){
20         scanf("%d",&vaccines[i]);
21     }
22     for(int i=0;i<N;i++){
23         scanf("%d",&patients[i]);
24     }
25     bubblesort(vaccines,N);
26     bubblesort(patients,N);
27     for(int i=0;i<N;i++){
28         if(vaccines[i]<=patients[i]){
29             printf("Yes\n");
30         }
31     }
32     printf("No\n");
33     return 0;
34 }
35 }
```



```
29 } printf("No\n");
30 return 0;
31 }
32 }
33 printf("Yes\n");
34 return 0;
35 }
```

Input	Expected	Got
✓	No ↴	No ↴
5		
123 146 454 542 456		
100 328 248 689 200		

Passed all tests! ✓

Answer: (penalty regime: 0 %)

```

1 #include <stdio.h>
2 int main(){
3     int n;
4     scanf("%d",&n);
5     int arr[n];
6     for(int i=0;i<n;i++){
7         scanf("%d",&arr[i]);
8     }
9     int count=0;
10    for(int i=0;i<n;i++){
11        for(int j=i+1;j<n;j++){
12            if((arr[i]^arr[j])==0) count++;
13        }
14    }
15    printf("%d",count);
16    return 0;
17 }
```

Input	Expected	Got
5 1 3 1 4 3	2	2 ✓

Passed all tests! ✓

Answer (penalty regime: 0 %)

```

1 #include <stdio.h>
2 int main(){
3     int n;
4     scanf("%d",&n);
5     int arr[n];
6     for(int i=0;i<n;i++){
7         scanf("%d",&arr[i]);
8     }
9     int max=arr[0];
10    for(int i=1;i<n;i++){
11        if(arr[i]>max) max=arr[i];
12    }
13    max++;
14    int min=0;
15    for(int i=0;i<n;i++){
16        for(int j=0;j<n;j++){
17            if(arr[j]<arr[min]) min=j;
18        }
19        printf("%d ",min);
20        arr[min]=max;
21    }
22
23 }
```

Input	Expected	Got
✓ 5 4 5 3 7 1	4 2 0 1 3 4 2 0 1 3	✓

Passed all tests! ✓