

REC-CIS

cost of $2 + 2 = 4$.

Answer: (penalty regime: 0 %)

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

| Input | Expected | Got |
|-------|----------|-----|
|-------|----------|-----|

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```
21 }  
22 return 0;  
23 }
```

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

Passed all tests! ✓

Question 2

Correct

Marked out of 5.00

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Numeros the Artist had two lists that were permutations of one another. He was very proud. Unfortunately, while transporting them from one exhibition to another, some numbers were lost out of the first list. Can you find the missing numbers?

As an example, the array with some numbers missing, **arr** = [7, 2, 5, 3, 5, 3]. The original array of numbers **brr** = [7, 2, 5, 4, 6, 3, 5, 3]. The numbers missing are [4, 6].



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Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int n,m,c,c1=0,co;
5     scanf("%d",&n);
6     int arr[n];
7     for(int a=0;a<n;a++){
8         scanf("%d",&arr[a]);
9     }
10    scanf("%d",&m);
11    int brr[m],ans[m];
12    for(int b=0;b<m;b++){
13        scanf("%d",&brr[b]);
14    }
15    for(int j=0;j<m;j++)
16    {
17        c=0;
18        for(int i=0;i<n;i++){
19            if(arr[i]==brr[j]){
20                c++;
21                arr[i]--;
22                break;
23            }
24        }
25        if(c==0){
26            ans[c1]=brr[j];
27            c1++;
28        }
29    }
30    for(int a=0;a<c1;a++){
31        co=0;
```

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```
27         c1++;
28     }
29 }
30 for(int a=0;a<c1;a++){
31     co=0;
32     for(int b=0;b<c1;b++){
33         if(ans[b]<ans[a])
34             co++;
35     }
36     int temp=ans[a];
37     ans[a]=ans[co];
38     ans[co]=temp;
39 }
40 for(int i=0;i<c1;i++)
41     printf("%d ",ans[i]);
42 return 0;
43 }
44 }
```

| | Input | Expected | Got | |
|---|--|-------------|-------------|---|
| ✓ | 10 203 204 205 206 207 208 203 204 205 206 13 203 204 204 205 206 207 205 208 203 206 205 206 204 | 204 205 206 | 204 205 206 | ✓ |

Passed all tests! ✓



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```

1 #include<stdio.h>
2 int main()
3 {
4     int t,n,Is,rs,m;
5     scanf("%d",&t);
6     for(int i=0;i<t;i++){
7         Is=0;
8         rs=0;
9         scanf("%d",&n);
10        int arr[n];
11        for(int j=0;j<n;j++){
12            scanf("%d",&arr[j]);
13            m=n/2;
14            if(arr[m]==0){
15                for(m=0;arr[m]==0 && m<n;m++){
16                }
17                for(int j=0;j<=m;j++){
18                    Is=Is+arr[j];
19                }
20                for(int j=m;j<n;j++){
21                    rs=rs+arr[j];
22                }
23                printf("%s\n",(Is==rs)?"YES":"NO");
24            }
25        }
26        return 0;
27    }

```

| | Input | Expected | Got | |
|---|-----------|----------|-----|---|
| ✓ | 3 | YES | YES | ✓ |
| | 5 | YES | YES | |
| | 1 1 4 1 1 | YES | YES | |
| | 4 | | | |

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