

sudhanshu r 240801340 week 7

Week 07-01 Practice Session Coding: Attempt review | REC-CIS - Google Chrome

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REC-CIS

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

	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			

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REC-CIS

Answer: (penalty regime: 0 %)

```
1 #include <stdio.h>
2 int main(){
3     int n,m,c,c1=0,co;
4     scanf("%d",&n);
5     int arr[n];
6     for(int a=0;a<n;a++){
7         scanf("%d",&arr[a]);
8     }
9     scanf("%d",&m);
10    int brr[m],ans[m];
11    for(int b=0;b<m;b++){
12        scanf("%d",&brr[b]);
13    }
14    for(int j=0;j<m;j++)
15    {
16        c=0;
17        for(int i=0;i<n;i++){
18            if(arr[i]==brr[j]){
19                c=1;
20                arr[i]=-1;
21                break;
22            }
23        }
24        if(c==0){
25            ans[c1]=brr[j];
26            c1++;
27        }
28    }
29    for(int a=0;a<c1;a++){
30        co=0;
31        for(int b=0;b<c1;b++){
32            if(ans[b]<ans[a])
33                co++;
34        }
35    }
36    int temp=ans[a];
```

REC-CIS

```

27     sort;
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 }
43 return 0;
44 }
45 }
46

```

	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! ✓				

REC-CIS

In the first test case, **arr[2] = 4** is between two subarrays summing to **2**.

In the second case, **arr[0] = 2** is between two subarrays summing to **0**.

In the third case, **arr[2] = 2** is between two subarrays summing to **0**.

Answer: (penalty regime: 0 %)

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


REC-CIS

```

16 for(int j=0;j<=m;j++)
17 Is=Is+arr[j];
18 for(int j=m;j<n;j++)
19 rs=rs+arr[j];
20 printf("%s\n",(Is==rs)?"YES":"NO");
21 }
22 return 0;
23 }

```

	Input	Expected	Got	
✓	3	YES	YES	✓
	5	YES	YES	
	1 1 4 1 1	YES	YES	
	4			
	2 0 0 0			
	4			
	0 0 2 0			
✓	2	NO	NO	✓
	3	YES	YES	
	1 2 3			
	4			
	1 2 3 3			

Passed all tests! ✓

Finish review