

C 35_q70.c > ...

```
1 // Q70: Rotate an array to the right by k positions.
2
3 /*
4 Sample Test Cases:
5 Input 1:
6 5
7 1 2 3 4 5
8 2
9 Output 1:
10 4 5 1 2 3
11
12 */
13
14 #include<stdio.h>
15 int main(){
16     int n,k,i,j,temp;
17     scanf("%d",&n);
18     int a[100];
19     for(i=0;i<n;i++)scanf("%d",&a[i]);
20     scanf("%d",&k);
21     k=k%n;
22     for(i=0;i<k;i++){
23         temp=a[n-1];
24         for(j=n-1;j>0;j--)a[j]=a[j-1];
25         a[0]=temp;
26     }
27     for(i=0;i<n;i++)printf("%d ",a[i]);
28     return 0;
29 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\35_q70.c

PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe

5

1 2 3 4 5

2

4 5 1 2 3

PS C:\Users\drago\OneDrive\Desktop\C H.W> █

C 35_q69.c > ...

```
1 // Q69: Find the second largest element in an array.  
2  
3 /*  
4 Sample Test Cases:  
5 Input 1:  
6 5  
7 10 20 30 40 50  
8 Output 1:  
9 40  
10  
11 */  
12  
13 #include<stdio.h>  
14 int main(){  
15 int n,i,max1,max2;  
16 scanf("%d",&n);  
17 int a[n];  
18 scanf("%d",&a[0]);  
19 max1=max2=a[0];  
20 for(i=1;i<n;i++){  
21 scanf("%d",&a[i]);  
22 if(a[i]>max1){  
23 max2=max1;  
24 max1=a[i];  
25 }  
26 else if(a[i]>max2&&a[i]<max1)max2=a[i];  
27 }  
28 printf("%d",max2);  
29 return 0;  
30 }  
31
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\34_q68.c

PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe

5

1 2 3 4 5

2

1 2 4 5

PS C:\Users\drago\OneDrive\Desktop\C H.W> █