

Header (global register 0)

```
1 #include<stdio.h>
2 int main()
3 {
4     int n,k;
5     scanf("%d",&n);
6     int arr[n];
7     for(int i=0;i<n;i++)
8     {
9         scanf("%d",&arr[i]);
10    }
11    scanf("%d",&k);
12    for(int a=0;a<=n-k;a++)
13    {
14        int max=arr[a];
15        for(int b=a;b<a+k;b++)
16        {
17            if(arr[b]>max)
18            {
19                max=arr[b];
20            }
21        }
22        printf("%d ",max);
23    }
24 }
25 }
```

	Input	Expected	Got	
✓	8 1 3 5 2 1 8 6 9 3	5 5 5 8 8 9	5 5 5 8 8 9	✓
✓	10 3 7 5 1 2 9 8 5 3 2 3	7 7 5 9 9 9 8 5	7 7 5 9 9 9 8 5	✓

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

	Input	Expected	Got	
✓	6 5 8 10 13 6 2 3	17	17	✓
✓	7 20 35 57 30 56 87 30 10	33	33	✓

```

1 #include<stdio.h>
2 int main()
3 {
4     int a,b;
5     scanf("%d",&a);
6     int arr1[a];
7     for(int i=0;i<a;i++)
8         scanf("%d",&arr1[i]);
9     scanf("%d",&b);
10    int arr2[b];
11    for(int i=0;i<b;i++)
12    {
13        scanf("%d",&arr2[i]);
14    }
15    int p=0,q=0;
16    while((p<a)&&(q<b))
17    {
18        if(arr1[p]<arr2[q])
19        {
20            printf("%d ",arr1[p]);
21            p++;
22        }
23        else if(arr1[p]>arr2[q])
24        {
25            printf("%d ",arr2[q]);
26            q++;
27        }
28        else
29        {
30            printf("%d ",arr1[p]);
31            p++;
32            q++;
33        }
34    }
35    for(int j=p;j<a;j++)
36    {
37        printf("%d ",arr1[j]);
38    }
39    for(int j=q;j<b;j++)
40    {
41        printf("%d ",arr2[j]);
42    }
43 }
44

```

	Input	Expected	Got	
✓	5 1 2 3 6 9 4 2 4 5 10	1 2 3 4 5 6 9 10	1 2 3 4 5 6 9 10	✓