

Section: Week-06-01-One-Dimensional Arrays | github - Search | Record/PUC_296_record at main | puc week 15.pdf

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REC-CIS

MADHUJA BA 2024-CSE | M2

Week-06-01-One-Dimensional Arrays

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Coding: Attempt review | REC-CIS - Personal - Microsoft Edge

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Answer: (penalty regime: 0 %)

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

	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 8 5	7 7 5 9 9 8 5	✓

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

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

Passed all tests! ✓

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Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 #include<stdlib.h>
3 int cmp(const void *a, const void *b){
4     return *((int*)a) - *((int*)b);
5 }
6 int main(){
7     int a,b;
8     scanf("%d",&a);
9     int c[a];
10    for(int i=0;i<a;i++){
11        scanf("%d",&c[i]);
12    }
13    scanf("%d",&b);
14    int d[b];
15    for(int i=0;i<b;i++){
16        scanf("%d",&d[i]);
17    }
18    int f= a + b;
19    int e[f];
20    int k=0;
21    for(int i=0;i<a;i++){
22        e[k++]=c[i];
23    }
24    for(int i=0;i<b;i++){
25        int s=0;
26        for(int j=0;j<a;j++){
27            if(d[i]==c[j]){
28                s=1;
29                break;
30            }
31        }
32        if(!s){
33            e[k]=d[i];
34            k++;
35        }
36    }
37    qsort(e,k,sizeof(int),cmp);
```

```

33     e[k]=d[i];
34     k++;
35 }
36 }
37 qsort(e,k,sizeof(int),cmp);
38 for(int i=0;i<k;i++){
39     printf("%d ",e[i]);
40 }
41 }

```

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

Passed all tests! ✓

Finish review