

```

1 #include<stdio.h>
2 int main() {
3     int t;
4     scanf("%d",&t);
5     while(t--) {
6         int n;
7         scanf("%d",&n);
8         int a[n];
9         for(int i=0;i<n;i++) {
10             scanf("%d",&a[i]);
11         }
12         int k;
13         scanf("%d",&k);
14         int flag=0;
15         for(int i=0;i<n;i++) {
16             for(int j=i+1;j<n;j++) {
17                 if(a[i]-a[j]==k || a[j]-a[i]==k) {flag=1;break;}
18             }
19         }
20         if(flag) break;
21         printf("%d\n",flag);
22     }
23 }
24 }
25 }
26 }

```

	Input	Expected	Got	
✓	1 3 1 3 5 4	1	1	✓
✓	1 3 1 3 5 99	0	0	✓

```
1 #include<stdio.h>
2 int main() {
3     int t;
4     scanf("%d",&t);
5     while(t--) {
6         int n,c=0;
7         scanf("%d",&n);
8         for(int i=0;i<=n;i++) {
9             if(i%2!=0) c=c+i;
10        } printf("%d\n",c);
11    }
12 }
```

	Input	Expected	Got	
✓	3	1	1	✓
	1	1	1	
	2	4	4	
	3			

✓	10	1296	1296	✓
	71	2500	2500	
	100	1849	1849	
	86	729	729	
	54	400	400	
	40	25	25	

```
1 #include<stdio.h>
2 int main() {
3     int s1,s2,ans;
4     scanf("%d",&s1);
5     int ta[s1];
6     for(int i=0;i<s1;i++)
7         scanf("%d",&ta[i]);
8     scanf("%d",&s2);
9     int tb[s2];
10    for(int i=0;i<s2;i++)
11        scanf("%d",&tb[i]);
12    for(int j=0;j<s2;j++) {
13        ans=0;
14        for(int i=0;i<s1;i++) {
15            if(tb[j]>=ta[i])
16                ans++;
17        } printf("%d\n",ans);
18    }
19
20
21 }
```

	Input	Expected	Got	
✓	4	2	2	✓
	1	4	4	
	4			
	2			
	4			
	2			
	3			
	5			
✓	5	1	1	✓
	2	0	0	

Extensions x + M

All Bookmarks

```
1 #include<stdio.h>
2 int main() {
3     int n;
4     scanf("%d",&n);
5     for(int i=1;i<=10;i++) {
6         int m=n*i;
7         printf("%d x %d = %d\n",n,i,m);
8     }
9     return 0;
10 }
```

	Input	Expected	Got	
✓	2	$2 \times 1 = 2$	$2 \times 1 = 2$	✓
		$2 \times 2 = 4$	$2 \times 2 = 4$	
		$2 \times 3 = 6$	$2 \times 3 = 6$	
		$2 \times 4 = 8$	$2 \times 4 = 8$	
		$2 \times 5 = 10$	$2 \times 5 = 10$	
		$2 \times 6 = 12$	$2 \times 6 = 12$	
		$2 \times 7 = 14$	$2 \times 7 = 14$	
		$2 \times 8 = 16$	$2 \times 8 = 16$	
		$2 \times 9 = 18$	$2 \times 9 = 18$	
		$2 \times 10 = 20$	$2 \times 10 = 20$	



```
1 #include<stdio.h>
2 int main() {
3     long long int n,t,i,nut=0;
4     scanf("%lld %lld",&n,&t);
5     for(i=1;i<=n;i++) {
6         nut=nut+i;
7         if(nut==t) {
8             nut=nut-1; }}
9
10    printf("%lld",nut%1000000007);
11 }
```

	Input	Expected	Got	
✓	2 2	3	3	✓
✓	2 1	2	2	✓
✓	3 3	5	5	✓

ANSWER. (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main() {
3     long long n,p;
4     scanf("%lld %lld",&n,&p);
5     long long count=0;
6     for(long long i=1;i<=n;i++) {
7         if(n%i==0) {
8             count++;
9             if(count==p) {
10                 printf("%lld\n",i);
11                 return 0;
12             }
13         }
14     }
15     printf("0\n");
16     return 0;
17 }
```

	Input	Expected	Got	
✓	10 3	5	5	✓
✓	10 5	0	0	✓
✓	1 1	1	1	✓

Passed all tests! ✓

```

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8         int a[n];
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7         scanf("%d",&ta[i]);
8     scanf("%d",&s2);
9     int tb[s2];
10    for(int i=0;i<s2;i++)
11        scanf("%d",&tb[i]);
12    for(int j=0;j<s2;j++) {
13        ans=0;
14        for(int i=0;i<s1;i++) {
15            if(tb[j]>=ta[i])
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17        } printf("%d\n",ans);
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	2			
	4			
	2			
	3			
	5			
✓	5	1	1	✓
	2	0	0	