

```

1  include<stdio.h>
2  int main()
3
4      int t;
5      scanf("%d",&t);
6  while(t--){
7      int n;
8      scanf("%d",&n);
9      int a[n];
10     for(int i=0;i<n;i++)
11     {
12         scanf("%d",&a[i]);
13     }
14     int k;
15     scanf("%d",&k);
16     int flag=0;
17     for(int i=0;i<n;i++)
18     {
19         for(int j=1+1;j<n;j++)
20         {
21             if(a[i]-a[j]==k || a[j]-a[i]==k
22             {
23                 flag=1;break;
24             }
25             if(flag) break;}}
26     printf("%d\n",flag);
27     }
28 }
29

```

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

Passed all tests! ✓

```

1  #include<stdio.h>
2  int main()
3  {
4      int t;
5      scanf("%d",&t);
6      while(t-->0)
7      {
8          int n,c=0;
9          scanf("%d",&n);
10         for(int i=0;i<=n;i++)
11         {
12             if(i%2!=0) c=c+i;
13         } printf("%d\n",c);
14     }
15 }

```

	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	
	9	1521	1521	
	77	25	25	
	9	49	49	
	13	2401	2401	
	98			

Passed all tests! ✓

```

1  #include<stdio.h>
2  int main()
3  {
4      int s1,s2,ans;
5      scanf("%d",&s1);
6      int ta[s1];
7      for(int i=0;i<s1;i++)
8          scanf("%d",&ta[i]);
9      scanf("%d",&s2);
10     int tb[s2];
11     for(int i=0;i<s2;i++)
12         scanf("%d",&tb[i]);
13     for(int j=0;j<s2;j++)
14     {
15         ans=0;
16         for(int i=0;i<s1;i++)
17         {
18             if(tb[j]>=ta[i])
19                 ans++;
20         }
21         printf("%d\n",ans);
22     }
23 }

```

	Input	Expected	Got	
✓	4	2	2	✓
	1	4	4	
	4			
	2			
	4			
	2			
	3			
	5			
✓	5	1	1	✓
	2	0	0	
	10	3	3	
	5	4	4	
	4			
	8			
	4			
	3			
	1			
	7			
	8			

Passed all tests! ✓