

```

1  #include<stdio.h>
2  int main()
3  {
4      int t;
5      scanf("%d",&t);
6      int i=0;
7      while(i<t)
8      {
9          int n;
10         scanf("%d",&n);
11         int arr[n];
12         for(int i=0;i<n;i++)
13         {
14             scanf("%d",&arr[i]);
15         }
16         int k;
17         scanf("%d",&k);
18         int flag=0;
19         for(int i=0;i<n;i++){
20             for(int j=i+1;j<n;j++){
21                 if(arr[i]-arr[j]==k||arr[j]-arr[i]==k)
22                 {
23                     flag=1;
24                     break;
25                 }
26             }
27             if(flag) break;}
28         printf("%d\n",flag);
29         i++;
30     }
31 }

```

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

```

1 #include<stdio.h>
2 int main()
3 {
4     int i;
5     scanf("%d",&i);
6     int n=0;
7     while(n<i)
8     {
9         int s,c=0;scanf("%d",&s);
10        for(int k=1;k<=s;k++)
11        {
12            if(k%2!=0)
13            {
14                c=c+k;
15            }
16        }
17        printf("%d\n",c);
18        n++;
19    }
20 }

```

	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			