```c
#include<stdio.h>
int main()
{
    int t;
    scanf("%d",&t);
    while(t--)
    {
        int n;
        scanf("%d",&n);
        int a[n];
        for(int i=0;i<n;i++)
        {
            scanf("%d",&a[i]);
        }
        int k;
        scanf("%d",&k);
        int flag=0;
        for(int i=0;i<n;i++)
        {
            for(int j=i+1;j<n;j
            {
                if(a[i]-a[j]==k
                {
                    flag=1;
                    break;
                }
            }
            if(flag) break;
        }
        printf("%d\n",flag);
    }
}
```

	Input	Expected	Got	
✔	1 3 1 3 5	1	1	✔

```c
21         {
22                         if(a[i]-a[j]==k
23                         {
24                             flag=1;
25                             break;
26                         }
27                 }
28                 if(flag) break;
29         }
30         printf("%d\n",flag);
31     }
32 }
```

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

Passed all tests! ✓

```c
#include<stdio.h>
int calculated (int N)
{
    int total =0;
    for(int i=1;i<=N;i++)
    {
        if(i%2==1)
        total+=i;
    }
    return total;
}
int main()
{
    int T;
    scanf("%d",&T);
    for(int i=0;i<T;i++)
    {
    int N;
    scanf("%d",&N);
    int choco= calculated (N);
    printf("%d\n",choco);
    }
    return 0;
}
```

	Input	Expected	Got	
✓	3 1 2 3	1 1 4	1 1 4	✓
✓	10 71 100 86 54 40 9 77	1296 2500 1849 729 400 25 1521 25	1296 2500 1849 729 400 25 1521 25	✓

```c
#include<stdio.h>
int main()
{
    int s1,s2,ans;
    scanf("%d",&s1);
    int ta[s1];
    for(int i=0;i<s1;i++)
    scanf("%d",&ta[i]);
    scanf("%d",&s2);
    int tb[s2];
    for(int i=0;i<s2;i++)
    scanf("%d",&tb[i]);
    for(int j=0;j<s2;j++)
    {
        ans=0;
        for(int i=0;i<s1;i++)
        {
            if(tb[j]>=ta[i])
            ans++;
        }
        printf("%d\n",ans);
    }
}
```

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