

Binary Search

Given an array of integers *nums* which is sorted in ascending order, and K number of targets, write a function to search targets T in *nums*. If target exists, then print 1. Otherwise, print 0.

Input:

N	<i>#Array Size</i>
K	<i>#Number of elements to be searched</i>
nums	<i>#Array Elements</i>
T1	<i>#Elements to be searched (in the lines following)</i>
T2	
...	
TK	

Example:

```
5
3
5 7 9 11 13
13
20
9
```

Output:

```
1
0
1
```