**Memorise me**

Arijit is a brilliant boy. He likes memory games. He likes to participate alone but this time he has to have a partner. So he chooses **you**.

In this Game , your team will be shown ***N*** numbers for few minutes . You will have to memorize these numbers.

Now, the questioner will ask you ***Q queries***, in each query He will give you a number , and you have to tell him **the total number of occurrences of that number in the array of numbers shown to your team** . If the number is not present , then you will have to say “**NOT PRESENT**” (without quotes).

**INPUT And OUTPUT**

The first line of input will contain N, an integer, which is the total number of numbers shown to your team.

The second line of input contains N space separated integers .

The third line of input contains an integer Q , denoting the total number of integers.

The Next Q lines will contain an integer denoting an integer, Bi , for which you have to print the number of occurrences of that number (Bi) in those N numbers on a new line.

If the number Bi isn’t present then Print “NOT PRESENT” (without quotes) on a new line.

**CONSTRAINTS**

1≤N≤105

0≤Bi≤1000

1≤Q≤105

**SAMPLE INPUT**

6

1 1 1 2 2 0

6

1

2

1

0

3

4

**SAMPLE OUTPUT**

3

2

3

1

NOT PRESENT

NOT PRESENT

**Explanation**

The given array is (1,1,1,2,2,0) of size 6.

Total number of queries is 6 also.

For the first query i.e for 1 , the total of number of occurrences of 1 in the given array is 3 . Hence the corresponding output is 3.

For the second query i.e. for 2, the total of number of occurrences of 2 in the given array is 2 . Hence the corresponding output is 2.

For the fifth query i.e. for 3. 3 is not present in the array . So the corresponding output is "NOT PRESENT" (without quotes).