A mobile device has an in-memory collection B of M external hosts which cannot be visited by user. There is a rule that if a host is forbidden, any child hosts are forbidden too.

For example, if host `adult.hb` is forbidden, the following hosts are forbidden too:
`images.adult.hb, ringo.adult.hb, video.ringo.adult.hb`

Write an **efficient** algorithm (in C#):

```
class Solution { public static int[] solution(string[] A, string[] B); }
```

that, given a non-empty array A of N hosts, and B of M forbidden hosts, returns a sequence consisting of L integers where each integer represents an index of a host in input A array that can be visited by user.

For example, given:

```
A[0] = unlock.microvirus.md    B[0] = microvirus.md

A[1] = visitwar.com            B[1] = visitwar.de

A[2] = visitwar.de             B[2] = piratebay.co.uk

A[3] = fruonline.co.uk         B[3] = list.stolen.credit.card.us

A[4] = australia.open.com

A[5] = credit.card.us
```

the function should return the array [1, 3, 4, 5], as explained above.

Assume that:

- N and M are integers within the range [1..100000];
- L is integer within the range [0..100000];
- each element of array A is a string with length [2.. 256];
- each element of collection B is a string with length [2..256].

Complexity:

- expected worst-case time complexity is O(N + M);