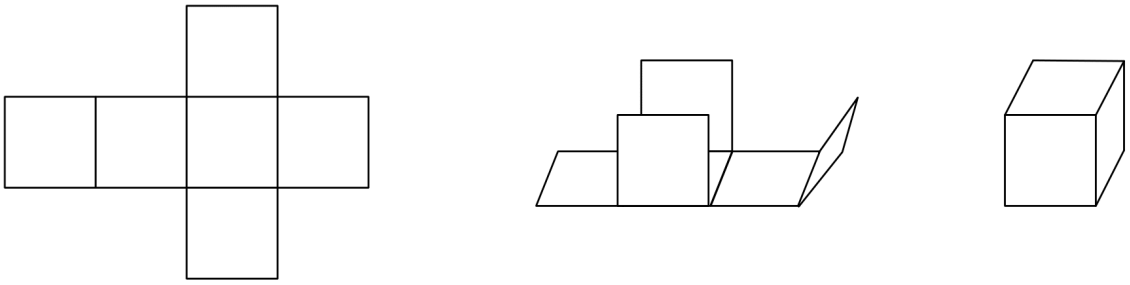
Problem C
Folding a Cube
Time limit: 1 second

It is well known that a set of six unit squares that are attached together in a "cross" can be folded into a cube.



But what about other initial shapes? That is, given six unit squares that are attached together along some of their sides, can we form a unit cube by folding this arrangement?

Input

Input consists of 6 lines each containing 6 characters, describing the initial arrangement of unit squares. Each character is either a `.`, meaning it is empty, or a `#` meaning it is a unit square.

There are precisely 6 occurrences of `#` indicating the unit squares. These form a connected component, meaning it is possible to reach any `#` from any other `#` without touching a `.` by making only horizontal and vertical movements. Furthermore, there is no 2×2 subsquare consisting of only `#`. That is, the pattern

```
##
##
```

does not appear in the input.

Output

If you can fold the unit squares into a cube, display `can fold`. Otherwise display `cannot fold`.

Sample Input 1	Sample Output 1

`.....`
`.....`
`######`
`.....`
`.....`
`.....`
	`cannot fold`

Sample Input 2

```
......
#.....
####..
#.....
......
......
```

Sample Output 2

```
can fold
```

Sample Input 3

```
..##..
...#..
..##..
...#..
......
......
```

Sample Output 3

```
cannot fold
```

Sample Input 4

```
......
...#..
...#..
..###.
..#...
......
```

Sample Output 4

```
can fold
```