

Problem Statement

A teacher wants to take his students to see a contemporary play at the theatre. The only problem is that the students talk a lot, so the teacher doesn't want any two students in the same row to sit in adjacent seats.

You are given a `String[] seats` which contains information about which seats are available for purchase. Character `j` of element `i` of `seats` is 'Y' if the `j`-th seat in row `i` is available, or 'N' otherwise. Return the maximum number of students who can watch the play.

Definition

Class: VeryInterestingMovie
Method: maximumPupils
Parameters: `String[]`
Returns: `int`
Method signature: `int maximumPupils (String[] seats)`
(be sure your method is public)

Constraints

- `seats` will contain between 1 and 50 elements, inclusive.
- Each element of `seats` will contain between 1 and 50 characters, inclusive.
- All elements of `seats` will be of equal length.
- Each element of `seats` will contain only 'Y' or 'N' characters.

Examples

0)

```
{ "YY", "YY", "YY" }
```

Returns: 3

Only one student can sit in each row.

1)

```
{ "NNNNN", "NNNNN", "NNNNN", "NNNNN", "NNNNN" }
```

Returns: 0

No places are available.

2)

```
{ "YYYYYYN", "YYYYNY", "NYNYNY", "NYYYYYN", "YYYYYYN", "NYNYNY", "YYYYYYY" }
```

Returns: 22