There are $N$ students in a class. Some of them are friends, while some are not. Their friendship is transitive in nature, i.e., if $A$ is a friend of $B$ and $B$ is a friend of $C$, then $A$ is also a friend of $C$.

A friend circle is a group of students who are directly or indirectly friends.

You must write a function `friendCircles` that returns the number of friend circles in a class. Its argument, `friends`, is an $N \times N$ matrix that comprises characters $Y$ or $N$. If $\text{friends}[i][j]$ is $Y$ then the $i^{th}$ and $j^{th}$ students are friends, otherwise they are not friends.

Constraints:

- $1 \leq N \leq 300$.
- Each element of friends will be $Y$ or $N$.
- The number of rows and columns in `friends` will be equal.
- $\text{friends}[i][i]$ is $Y$, where $0 \leq i < N$.
- $\text{friends}[i][j] = \text{friends}[j][i]$, where $0 \leq i < j < N$.

Sample input 1:
```
YYNN
YYYN
NYYN
NNNY
```
Sample output 1:
2

Sample input 2:
```
YNNNN
NYNNN
NNYNN
NNYN
NNNNY
```
Sample output 2:
5