

CCC '16 J1 - Tournament Selection

Each player in a tournament plays six games. There are no ties. The tournament director places the players in groups based on the results of games as follows:

- if a player wins 5 or 6 games, they are placed in Group 1;
- if a player wins 3 or 4 games, they are placed in Group 2;
- if a player wins 1 or 2 games, they are placed in Group 3;
- if a player does not win any games, they are eliminated from the tournament.

Write a program to determine which group a player is placed in.

Input Specification

The input consists of six lines, each with one of two possible letters: (to indicate a win) or (to indicate a loss).

Output Specification

The output will be either , , (to indicate which Group the player should be placed in) or (to indicate the player has been eliminated).

Sample Input 1

```
W
L
W
W
L
W
```

Output for Sample Input 1

```
2
```

Sample Input 2

L
L
L
L
L
L

Output for Sample Input 2

-1