30794 -Gahee and Club Audition 1   ☆
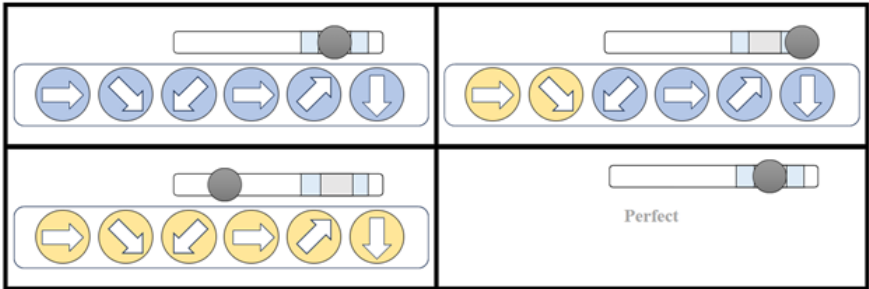
Time limit	Memory limit	submit	Correct answer	The person who guessed right	Correct answer rate
1 second	512 MB	825	679	650	82.383%

problem

Note the difference between this and the Game Club Audition `scoring system` **issue .** `scoring system`

Kahi is auditioning for a club. There are several modes in this game, and Kahi is in the 8-key mode. In the 8-key mode, key notes with a level of 6 or higher appear. Level lv In the keynote lv There are 8 keys. The direction of the key is one of the 8 directions (up, down, left, right, upper left, lower left, upper right, lower right).

[Figure 1] Key notes for level 6

[Figure 1] consists of four pictures. The ones colored in yellow are keys that have already been hit, and the ones colored in blue are keys that need to be hit. For example, the upper right of Figure 1 means that you need to hit them in the following order: lower left, right, upper right, and down.

The top left of the first line is right after the key note of level 6 appears. The top right picture shows when 1/4 of the timing has passed since the key note appeared. The bottom left picture shows when 1/2 of the timing has passed since the key note of level 6 appeared. At this point, all 6 keys have been pressed. The bottom right picture shows when the judgment was obtained `Space` by pressing the keys at the right timing. `perfect`

Each key note has a judgment. In this case, `miss` the judgment occurs in the following two cases.

- `lv` If you did not enter the dog's direction correctly
- `Space` If you did not press or `Space` did not get the timing right when you pressed

Otherwise `bad` , one of the `cool` ,, `great` , `perfect` or verdicts occurs. Also `perfect` , has one more state: n Yeon pack. n A state where consecutive `perfect` judgments are made n `perfect` It is called a Yeonpack. When the judgment of the key note that occurred is

- `perfect` If the previous judgment is not 1 It's a pack.
- The previous verdict `perfect` was k If it was in a pack state $k+1$ It becomes a pack.

The level is lv The points awarded based on the judgment of the In Key Note are as follows:

- `miss` When 0 Get points.
- `bad` When 200 to lv You get a score multiplied by .
- `cool` When 400 to lv You get a score multiplied by .
- `great` When 600 to lv You get a score multiplied by .
- `perfect`
  - n When it's a pack $n \cdot lv$ to 1 000 You get a score multiplied by .

The level of the key note that Gahee hit lv and a judgment is given. Find the score **Gahee gets when she gets a different judgment than the one she got before .**

input

Key note on the first line lv The verdict is given separated by a space. In this case, the verdict is given as one of `miss`, `bad`, `cool`,, `great`.`perfect`

output of power

Please print out the scores that Gahee earned.

limits

- $6 \leq lv \leq 11$

Example Input 1 copy

```
6 miss
```

Example Output 1 copy

```
0
```

Example Input 2 copy

```
7 perfect
```

Example Output 2 copy

```
7000
```

source

Contest (/category/45) > BOJ User Contest (/category/984) > Coding Test with Gahee (/category/529) > 6th Coding Test with Gahee (/category/detail/4069) D

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Algorithm Classification

look

memo