



Digital Clock: Hoàng

After resolving Digital Clock, you thought your life is so easy, just move on Digital Clock version 2 :D

The requirement is similar to the old one. But instead of using 4 digits as input, the input now is a slice of digits. That means the input can contains more than 4 digits.

Try to write a function that return the number of valid time that can be display on digital clock.

```
func Solution (digits [] int ) int
```

Examples:

- Given digits = [1, 8, 3, 2], the function should return 6. The valid times are: 12:38, 13:28, 18:23, 18:32, 21:38 and 23:18.
- Given digits = [2, 3, 3, 2], the function should return 3. The valid times are: 22:33, 23:23 and 23:32.
- Given digits = [6, 2, 4, 7], the function should return 0. It is not possible to display any valid time using the given digits.
- Given digits = [0, 0, 0, 0, 0], the function should return 1. The valid time is 00:00.
- Given digits = [0, 0, 0, 0, 1], the function should return 5. The valid times are: 00:00, 00:01, 00:10, 01:00 and 10:00.

Assume that:

- The length of digits slice is equal or greater than 4.
- Digits slice contains only integers within the range [0..9].

In your solution, focus on correctness. The performance of your solution will not be the focus of the assessment.