TECHNICAL TEST N°1

ELVA AI Vacant position: Software Engineer

Some numbers are formed with closed paths. The digits 0, 4, 6 and 9 each have 1 closed path, and 8 has 2. None of the other numbers is formed with a closed path. Given a number, determine the total number of closed paths in all of its digits combined.

Example
number = 649578
The digits with closed paths are 6, 4, 9 and 8. The total number of closed paths is 1 + 1 + 1 + 2 = 5.

Function Description

closedPaths has the following parameter(s):
    int number: an integer
Returns:
    int: the number of closed paths in number

▾ Input Format For Custom Testing

Input from stdin will be processed as follows and passed to the function:

The only line of input contains a single integer, *number*.

▾ Sample Case 0

Sample Input

```
STDIN       Function
-----       ---------
630     →   number = 630
```

Sample Output

```
2
```

Explanation

Sum the *closed paths* count for each digit, *6*, *3* and *0*. Return *1 + 0 + 1 = 2*.

▾ Sample Case 1

Sample Input

```
STDIN       Function
-----       ---------
1288    →   number = 1288
```

Sample Output

```
4
```

Explanation

Sum the *closed paths* count for each digit, *1*, *2*, *8*, *8*. Return *0 + 0 + 2 + 2 = 4*.

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MAKE IT PUBLIC AND SEND US THE LINK.**