

DECODE NUMBERS

CHALLENGE DESCRIPTION:

You are given an encoded message containing only numbers. You are also provided with the following mapping:

A	:	1
B	:	2
C	:	3
...		
Z	:	26

Given an encoded message, count the number of ways it can be decoded.

INPUT SAMPLE:

Your program should accept as its first argument a path to a filename. Each line in this file is a test-case and contains an encoded message of numbers. E.g.

12
123

You may assume that the test cases contain only numbers.

OUTPUT SAMPLE:

Print out the different number of ways it can be decoded. E.g.

2
3

NOTE: 12 could be decoded as AB(1 2) or L(12). Hence the number of ways to decode 12 is 2.