

# Money, Money, Money

## Description

Given a whole number of US dollars, what combination of \$1, \$5, \$20, and \$100 bills sum to that amount? Choose the combination that minimizes the total number of bills. For example, \$10 may be composed of

- ten \$1 bills
- one \$5 and five \$1 bills
- two \$5 bills

The fewest bills are the two \$5 bills.

## Input

An integer number of dollars, from 0 to 1200 inclusive.

## Output

The numbers of bills, in the following order: \$100, \$20, \$5, and \$1. Separate the numbers by whitespace.

### Input

10

### Output

0 0 2 0

### Input

334

### Output

3 1 2 4