Q1: In Penny Lane There Is A Barber Selling Photographs

Given a dollar amount between $0.01 and $9.99 you are to compute the fewest number of standard American coins needed to produce that sum. The standard coins are:

- dollar ($1.00)
- half-dollar ($0.50)
- quarter ($0.25)
- dime ($0.10)
- nickel ($0.05)
- penny ($0.01)

Sample	Results

`$1.47`	`1 dollar`
	`1 quarter`
	`2 dimes`
	`2 pennies`

You must output the number of coins in descending order of value, being careful to use plurals when a specific coin is represented more than once. Note that the plural of "penny" is "pennies".

Input

The input will be a string on a line by itself containing 5 characters of the form `$d.pq` where `d`, `p`, and `q` are digits in the range of 0-9. The value represented by this string is in the range of $0.01 and $9.99.

Output

Your output will contain a number of lines, sorted by monetary value. Each line contains a string of the form:

n unit

where *n* is an integer greater than 0 and *unit* is a standard unit of American coinage, properly pluralized when n > 1. Note that each line contains a single space between *n* and *unit*. The unit on each subsequent line of output is smaller in monetary value than the unit on the previous line. All letters in the output must be in lowercase.

Sample Input and Output

Input	Output
`$0.13`	`1 dime` `3 pennies`

`$9.87`	`9 dollars`
	`1 half-dollar`
	`1 quarter`
	`1 dime`
	`2 pennies`

`$7.00`	`7 dollars`

`$3.31`	`3 dollars`
	`1 quarter`
	`1 nickel`
	`1 penny`

`$0.01`	`1 penny`