

Challenge

Spare Time Teaching

January 28, 2014

You may not add parameters or change the output.

Problem

Given a list, write a function that determines how many sub sums of more than one element are contained in the list. That is for the list (1 2 3 4 6) the sub sum that are contained in the list are:

$$\left. \begin{array}{l} 1 + 2 = 3 \\ 1 + 3 = 4 \\ 2 + 4 = 6 \\ 1 + 2 + 3 = 6 \end{array} \right\} 4$$

Example

```
> (ch '(1 2 3 4 6))  
4
```