Home accounting
The User Documentation

Jakub Neumann

(NEU0074)

1. Overview

The program is intended for home accounting. The input to the program is the .csv file that stores the incomes and expenses of one's budget in a year. Then, the data is processed by the program, which sorts the records by the amount, counts the incomes'/expenses' by categories and prepares the financial settlements of particular months. The summaries are also counted for the whole year.

2. Input data

The input data is stored in .csv file (Input.csv). It contains the incomes and expenses in a following form (line by line):

> ID;record type;category;amount;date

The table below explains the particular elements of the record:

ID	Unique record identification number.
record type	Type of the record: *income* or *expenditure*.
category	Category of the income/expenditure. The present* categories are: 1) *salary*, 2) *food*, 3) *household*, 4) *health*, 5) *entertainment*, 6) *clothing*, 7) *transport*, 8) *other*.
amount	Money in CZK.
date	Date of the income/expenditure, in the form *dd.mm.yyyy*.

*categories might be easily modified/added/removed in program (reference: Programmer Documentation)

The program is not errorproof; therefore the input file should be prepared according to the above rules, including the correct record writing and correct filename.

The input file can be prepared either using MS Excel or Notepad. MS Excel creates a file with empty line in the end, which the program recognizes correctly.

Between the records, there might be as many empty lines as the user prefers. For example, particular months might be separated in this way.

3. Output data

If the program terminates with a success, it prepares an output file (Output.html). In the file we can find (in tables):

1) Month by month:

    a. Records listed in descending order by amount

    b. Sums of particular categories' amounts

    c. Total values of monthly budget

2) In total:

    a. Total sums of particular categories' amounts

    b. Total values of yearly budget

2) In total: