Homework I

Files and structures

Write an algorithm and matching code for a program with the following functional requirements:

1. Data is read from a plain text file „F1.txt“ and stored as a structure. The data file must contain the given attributes:
   * Product name – *string*
   * Price – *floating point*
   * Amount – *integer*
2. Program will read ’amount of money’ as user input from keyboard.
3. As a result program should find all the possible combinations of products that can be bought with the given sum of money.
4. The result will be shown on the display and also written to an output file. The output should contain the product that can be bought, price and the amount which can be aquired (*product – price x amount*). If no product can be bought, then a message should be shown on display telling there is not enough money.