First problem:

If you start the program and enter quarters twice, the quarter should only be loaded once (it says "loaded data for xxxx" twice). Also, if the input is wrong (for example, loading only 3 numbers), it should not be loaded. If, for example, the program is called with "./Main 1234", "20184" should be loaded.

Second problem:

With the "top" command, you should not only enter the number (2,4 or 31), but in the format §2, §4 or $31.

Third problem:

Top command: If you enter the command "top 10 payers 2", you will see, for example, that the payer "Stadt Wien" appears twice. This should not be. If a payer appears two times or more in the loaded quarters, the amounts must be added. And these values must be sorted by height. This applies to the payers and the recipients.

Fourth problem:

The same applies as in problem 3 here. If you look at the details of a payer, you should also add duplicate entries and sort by them.

Example:

Enter your command or type 'help' for assistance
> details payers FH JOANNEUM company mbh
Payments according to §2:
Small Newspaper, 27674.0, euro
Small Newspaper, 22538.0, euro
Kronen newspaper, 10745.0, euro
The standard, 10091.0, euro
The standard, 9795.0, euro
www.google.at, 8676.0, euro
Radio Sound Portal, 8262.0, euro
The Press, 7900.0, euro
www.google.at, 7712.0, euro
Styria Magazine, 6900.0, euro
Antenna Styria, 6050.0, euro
Small Newspaper, 5439.18, euro
The Press, 5268.0, euro
Payments according to §4:
Payments according to §31:

You can see that for example "Kleine Zeitung" appears three times. These three payments must be added together and taken into account in the overall ranking.

Fifth problem:

Command "quaters":

The current output looks like this:

Enter your command or type 'help' for assistance
> quaters
Quarter Category 2 Category 4 Category 31
20181 29526638.00 19838448.00 157800000.00
20182 46632148.00 7352736.00 157700000.00
20183 35380952.00 4563840.00 158200000.00
20184 59960768.00 4849748.00 163400000.00

But it should look like this:

Enter your command or type 'help' for assistance
> quaters
quarter
20181 29526638.00 (§2), 19838448.00 ($4), 157800000.00 (§31)
20182 46632148.00 (§2), 7352736.00 ($4), 157700000.00 (§31)
20183 35380952.00 (§2), 4563840.00 ($4), 158200000.00 (§31)
20184 59960768.00 (§2), 4849748.00 ($4), 163400000.00 (§31)

Sixth problem:

The output should be formatted as it is in my document. This means that the text of the "help" command would be incorrectly formatted.
Also the output of the "top" command is formatted wrong. (See Task)
Also with the "quaters" command all numbers should be at the same height (see task).