Unit testing of the display\_csv\_as\_table function

The objective of the function is to print the contents of a csv file to the terminal row by row, starting with the header.

The function takes as input a string which is the name of the file to read. Out of {int,float,string,list}, all but string is invalid. Three tests can be made from these, and as none of them can be interpreted as filenames they will all throw an exception.

We now turn to the valid inputs. The input domain can be divided into four equivalence classes (EC):

1. Valid filenames
2. Invalid filenames
3. Invalid file contents
4. Valid file contents

For each EC, we need to test at least one input.

This leads to the following test requirements:

R1. If filename is invalid, function should throw an exception.

R2. If file contents are invalid, function should throw an exception.

R3. If file name and contents are valid, the contents should be printed to the standard output.

Using these guidelines, the tests in the test specification file was created, which tests all equivalence classes and tests that the outputs are correct.