

13 DAILY AND WEEKLY PROCESSING

Problem description

Each day a report of all the day's financial transactions is given. All the transactions that took place during the course of the week are placed on microfiche at the end of that week. Its layout is identical to that of the daily transaction report. After all appropriate transactions have been processed, the transaction file concerned is deleted. The content of the file is printed in the way described here only, and is ultimately placed on microfiche.

The user cannot obtain access to the file in any other way.

How many external outputs must be identified? Is an external input also to be counted for deleting the transaction file? Does the transaction file count as an internal logical file or as an external logical file?

Discussion

The transaction file is not accessible to the user and is therefore not a logical file. Because it is a temporary file, its deletion is considered a technical matter that does not play a role when the logic of the functions is assessed. From a logical perspective, therefore, there is no difference between the daily and weekly processing. The layout of the daily report is the same as the microfiche. Because the layout and the logical processing are the same, there is only one external output.

Solution

Count one external output.

References to the standard

5.2.f, 7.2.r and 8.2.a