

External Sorting

Read the chapter on external sorting from Raghu Ramakrishnan's book.

The input file format is as follows:

- Number of available buffer pages
- Number of records per page
- Number of records in the data file
- List of records. Assume that each record is just a non-negative integer. There could be duplicates in the data file.

Output:

Print the records in the ascending order. Perform sorting using the external sorting algorithm.