

Given an input text file, named input.txt, that contains 100,000,000 (100 million lines), each line contains up to 10,000 characters, create an output file, named output.txt, so that it contains only unique text lines, not necessarily in the original order.

Examples:

input.txt:

Aaa
Bbb
Ccc
Bbb
Aaa

Possible variant of output.txt:

Ccc
Aaa
Bbb

input.txt:

Aaa
Bbb
Ccc

Possible variant of output.txt:

Bbb
Aaa
Ccc

Limitations:

- Pure Java
- No external libraries
- Single machine, with:
 - 1 CPU
 - 8 GB of RAM
 - 10 TB of disk size