Use < to Read stdin from a File What about files?

To replace stdin with a file, use the < operator.

For example,

- ./line_sort < list_of_words</pre>
- reads stdin for line sort
- from the file list of words.

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Use > or >> to Write stdout to a File

One can also send stdout to a file with >.

For example,

- ols */grade.txt > grade_files
- writes the list of grade.txt files in subdirectories into the file grade_files.

Files can be overwritten with >.

- o If, instead, you want to append stdout
- to a (possibly existing) file, use >>.

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Including stdout with Operators | & and >&

Operators |, >, and >> do not redirect stderr.

If you want to include stderr (by merging it with stdout), use | & or > & instead:

- oprogram1 |& program2
- oprogram1 >& output

Appending is more complex:

- oprogram1 >> output 2>&1
- stdout appended to output, stderr (2) duplicated from stdout (1).

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