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grep

grep is extensively used as a primary text searching tool. It scans files for specified patterns and can be used with regular expressions, as well as simple strings, as shown in the table:

| Command | Usage | |
|---|--|--|
| grep [pattern] <filename></filename> | Search for a pattern in a file and print all matching lines | |
| grep -v [pattern] <filename></filename> | Print all lines that do not match the pattern | |
| grep [0-9] <filename></filename> | Print the lines that contain the numbers 0 through 9 | |
| grep -C 3 [pattern] <filename></filename> | Print context of lines (specified number of lines above and below the pattern) for matching the pattern; here, the number of lines is specified as 3 | |

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