Linux provides several methods to get help on commands, which can be essential for understanding how to use them effectively.

1. `man` Command (Manual Pages)

The `man` command is used to display the manual pages for commands, which provide detailed information about the command’s usage, options, and syntax.

man <command>

For example:

man ls

2.--help` Option

Most Linux commands support the `--help` option, which provides a summary of the command’s usage and available options.

<command> --help

For example:

ls --help

3. `info` Command

The `info` command provides access to more extensive documentation than `man`. It’s useful for commands that have lengthy or complex documentation.

info <command>

For example:

info coreutils 'ls invocation'

4. `whatis` Command

The `whatis` command gives a brief description of a command, often one line.

whatis <command>

For example:

whatis ls

5. `apropos` Command

The `apropos` command searches the manual page names and descriptions for a keyword.

apropos <keyword>

For example:

apropos copy

6. `help` Built-in Command

For shell built-in commands (like `cd`, `echo`, etc.), you can use the `help` command. This provides a brief summary of the built-in commands available in the shell.

help <builtin\_command>

For example:

help cd

7. `type` Command

The `type` command can be used to determine if a command is a built-in, a function, an alias, or a disk file. It also provides a brief explanation of what the command does.

type <command>

For example:

type ls

Using `man`:

man grep

Using `help`:

grep --help

Using `info`:

info grep

Using `whatis`:

whatis grep

Using `apropos`:

apropos search

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Using `help`:

help history

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Using `type`:

type cd

- `man <command>`: Comprehensive manual pages.

- `<command> --help`: Brief usage summary.

- `info <command>`: Extended documentation.

- `whatis <command>`: Short description.

- `apropos <keyword>`: Search by keyword.

- `help <builtin\_command>`: Information on shell built-ins.

- `type <command>`: Identify command type.