LINUX Commands

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| Task | Command Name | Syntax | Example | Screenshots |
| To get manual page for the known command | ‘man’ | ‘man <command> | ‘man ls’ |  |
| To get manual page for the unknown command | ‘apropos’ | ‘apropos <keyword> | ‘apropos mkd‘ |  |
| To know the source file binary | ‘which’ | ‘which <command> | ‘which cat’ |  |
| To know the path of the command | ‘whereis’ | ‘whereis <command>’ | ‘whereis ls’ |  |
| To know the command is external or internal | ‘type’ | ‘type <command> | ‘type rm’ |  |
| To get help for the internal command | ‘help’ | ‘help <command> | ‘help cd’ |  |
| To list out bash commands | ‘compgen’ | ‘compgen -c’ | ‘compgen -c’ |  |
| To know the usage of the command | ‘<command> –help’ | ‘<command> –help’ | ‘mkdir –help’ |  |

1. **Basic Commands**

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| Task | Command Name | Syntax | Example | Screenshots |
| To know today’s date | ‘date’ | ‘date’ | ‘date’ |  |
| To print calendar | ‘cal’ | ‘cal’ | ‘cal’ |  |
| To print kernel version | ‘uname’ | ‘uname -r’ | ‘uname -r’ |  |
| To print default shell | ‘echo’ | ‘echo <content>’ | ‘echo $SHELL’ |  |
| To print currently logged in user | ‘whoami’ | ‘whoami’ | ‘whoami’ |  |
| To create shortcut for command | ‘alias’ | ‘alias <newname=’command>’ | ‘alias ll=’ls- l’’ |  |
| To delete shortcut | ‘unalias’ | ‘unalias <commandnewname>’ | ‘unalias ll’ |  |
| To change the timestamp of the file | ‘touch’ | ‘touch <filename>’ | ‘touch testfile.sh’ |  |
| To clear the screen | ‘clear’ | ‘clear’ | ‘clear’ |  |
| To create empty files | ‘touch’ | ‘touch <filename>’ | ‘touch emptyfiletxt’ |  |
| To know disk usage | ‘df’ | ‘df -h’ | ‘df -h’ |  |
| To know free space in the system | ‘free’ | ‘free -h’ | ‘free -h’ |  |
| To know about the Linux release | ‘lsb\_release’ | ‘lsb\_release -a’ | ‘lsb\_release -a’ |  |

1. **Navigation**

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| Task | Command | Syntax | Screenshots |
| To navigate home directory | ‘cd’ | ‘cd ~’ |  |
| To navigate to the parent directory | ‘cd’ | ‘cd ..’ |  |
| To navigate to the child directory | ‘cd’ | ‘cd <child directory name> |  |
| Alternate command to cd | ‘pushd’ || ‘popd’ | ‘pushd directory’ || ‘popd’ |  |
| To go back to the previous directory | ‘cd’ | ‘cd –‘ |  |
| To go to the root directory | ‘cd’ | ‘cd /’ |  |

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| **Task** | **Syntax** | **Command** | **ScreenShot** |
| **How to identify the file system** | ‘df’ | **‘df -T’** |  |
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