**Basic Linux commands**

| **Command** | **Description** |  |
| --- | --- | --- |
| ls | Lists all files and directories in the present working directory |  |
| ls-R | Lists files in sub-directories as well |  |
| ls-a | Lists hidden files as well |  |
| ls-al | Lists files and directories with detailed information like permissions,size, owner, etc. |  |
| cd or cd ~ | Navigate to HOME directory |  |
| cd .. | Move one level up |  |
| cd | To change to a particular directory |  |
| cd / | Move to the root directory |  |
| cat > filename | Creates a new file |  |
| cat filename | Displays the file content |  |
| cat file1 file2 > file3 | Joins two files (file1, file2) and stores the output in a new file (file3) |  |
| mv file "new file path" | Moves the files to the new location |  |
| mv filename new\_file\_name | Renames the file to a new filename |  |
| sudo | Allows regular users to run programs with the security privileges of the superuser or root |  |
| rm filename | Deletes a file |  |
| man | Gives help information on a command |  |
| history | Gives a list of all past commands typed in the current terminal session |  |
| clear | Clears the terminal |  |
| mkdir directoryname | Creates a new directory in the present working directory or a at the specified path |  |
| rmdir | Deletes a directory |  |
| mv | Renames a directory |  |
| pr -x | Divides the file into x columns |  |
| pr -h | Assigns a header to the file |  |
| pr -n | Denotes the file with Line Numbers |  |
| lp -nc , lpr c | Prints “c” copies of the File |  |
| lp-d lp-P | Specifies name of the printer |  |
| apt-get | Command used to install and update packages |  |
| mail -s 'subject' -c 'cc-address' -b 'bcc-address' 'to-address' | Command to send email |  |
| mail -s "Subject" to-address < Filename | Command to send email with attachment |  |