**Linux Command List**

Below is a Cheat Sheet of Linux commands we have learned in this tutorial

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| **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. |
| 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 |