

### Linux

To create a folder	<code>mkdir &lt;folder_name&gt;</code>
To get into a folder	<code>cd &lt;folder_name&gt;</code>
To create a file	<code>vim &lt;file name&gt;</code>
To display the contents of a file	<code>cat &lt;file name&gt;</code>

### Handy commands

To get into a folder	<code>cd &lt;folder name&gt;</code>
To get the list of available files and folders in a directory	<code>ls</code>
To get the current logged in user	<code>whoami</code>
To get the present working directory	<code>pwd</code>
To get the list of all commands used	<code>history</code>
To clear screen	<code>clear</code>
To get date and time	<code>date</code>
To get kernel name	<code>uname</code>
To get kernel version	<code>uname -r</code>
To get manual of a command	<code>man &lt;command name&gt;</code>

### Copy / Move

To copy a file	<code>cp &lt;option&gt; &lt;source&gt; &lt;destination&gt;</code>
To delete a file	<code>rm &lt;option&gt; &lt;path to the file&gt;&gt;</code>
To move/rename a file	<code>mv &lt;source&gt; &lt;destination&gt;</code>

### User management

To add a new user account	<code>sudo useradd &lt;user name&gt;</code>
To create a password to the user account	<code>sudo passwd &lt;user name&gt;</code>
To create a new group	<code>sudo group add &lt;group name&gt;</code>
To add user to a group	<code>sudo gpasswd -a &lt;user name&gt; &lt;group name&gt;</code>
To delete a user	<code>sudo userdel &lt;user name&gt;</code>
To delete a group	<code>sudo groupdel &lt;group name&gt;</code>

### File permissions

To change permission	<code>chmod &lt;mode&gt; &lt;file/directory&gt;</code>
To change ownership	<code>chown &lt;owner&gt; &lt;file/directory&gt;</code>
To change group ownership	<code>chgrp &lt;group name&gt; &lt;file/directory&gt;</code>

### Access Control Lists(ACL)

To get ACL entries of a file or directory	<code>getfacl &lt;file/directory&gt;</code>
To set ACL to a file/folder	<code>setfacl -m u:username:permissions &lt;file/directory&gt;</code>
To remove ACL of a user	<code>setfacl -x u:username:permissions &lt;file/directory&gt;</code>
To set ACL of a group	<code>setfacl -m g:groupname:permissions &lt;file/directory&gt;</code>
To remove ACL of a group	<code>setfacl -x g:groupname:permissions &lt;file/directory&gt;</code>
To set ACL	<code>setfacl [options] -m u:username:permissions file/directory</code>

### Global regular expressions Print

Case-insensitive pattern search	<code>grep &lt;pattern&gt;&lt;file_name&gt;</code>
Display line numbers	<code>grep -n &lt;pattern&gt; &lt;file&gt;</code>
Search recursively in directories	<code>grep -r &lt;pattern&gt; &lt;directory&gt;</code>
Regular expression search	<code>grep -E &lt;string/expression&gt; file</code>
Search recursively in directories:	<code>grep -r &lt;string/expression&gt; /path/to/-directory</code>

### Find

Find files by name	<code>find /path/to/directory -name "*.txt"</code>
Find directories	<code>find /path/to/directory -type d</code>
Display bottom few line of code	<code>tail -n &lt;no of lines to display&gt;&lt;file name&gt;</code>
Display top few line of code	<code>tail -n &lt;no of lines to display&gt;&lt;file name&gt;</code>
Create a tar archive	<code>tar -cvf &lt;tar archive file&gt; &lt;path to file or folder to be archived&gt;</code>
Awk command syntax	<code>awk 'pattern { action }' input_file</code>



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