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**Basic Linux Commands Assignments**

Assignment-1

Connect and disconnect with login Access

* What happens when you login a non-existent users or username?
  + Provide Screenshot and What you understand, explain in short brief?

Assignment-2

Password changing

* Login into your account and then change password?
  + Change your password into **IneuR0n#42** and hit the **Enter** key
    - Explain what happen and give screenshot?

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| I used **passwd** command it asked current login password after that asked new password and confirm password. After entering password, all authentication tokens updated successfully text displayed then current user password updated. |

* + Try again to change password but use like password ***1234*** or ***abcd***
    - Explain what happen and give screenshot?

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| * When I enter 1234 or abcd, it thrown password is shorter and it expect min 8 characters   Text  Description automatically generated with low confidence |

* + Try again to change password but now don’t use any password just hit **Enter** key
    - Explain what happen and give screenshot?

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| When we are not given password and enter , we got “No password supplied” error |

Assignment-3

Working with Directories

* Enter the command **cd /** and then **ls** and then hit **Enter** key
  + Take screenshot and explain what output we got?

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| / is the top parent node of the folder structure, ls displays the subfolder of node ‘/’ |

* Enter the command now **cd /home** and then hit **Enter** key
  + Do **ls,** provide screenshot and explain what is **/home** directory used for?

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| Home directory is used to store user specific information, Here sasi is a user, so sasi user information stored under “home/sasi” directory. |

* Enter **cd ..** and hit **Enter** key [ *Note: here we have space after cd then use double dot*]
  + Check what happen and give screenshot?

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| Cd .. is move current pointing directory to its parent directory |

* Now enter **cd /var/www/html** and then type **cd** and hit **Enter** key
  + Explain what happen and give screenshot?

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| When I type cd and hit enter, current directory path moved to home directory |

* Now type **cd /root** and then hit **Enter** key
  + Do **ls,** check any output we have on screen if yes then take screenshot?

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| I logged terminal with user sasi, so no permission to access /root directory |
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Assignment-4

Working with File Listing

* Go to **cd /etc** and type **ls**
  + Take screenshot and explain what files you have seeing?
  + Take screenshot and explain what different output you found compare to previous command you used?

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* Then type **ls -al** and hit **Enter** key
  + Take screenshot and explain what new file or directory you found?

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| Ls -al command display all directory and hidden files and dot file |

* Then use **ls -i** and hit **Enter** key
  + Now see what different output its shows and take screenshot?

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| Ls -I display files and directory with its inode index number |

* Then use **ls –help** and see other options about **ls** command
  + Explore it and try with other attribute we can use with **ls** command

Assignment-5

Know where you are and where you working

*Here we use* ***pwd, cd and ls*** *as combine task to understand where you working on terminal and how you can switch from one directory to another one.*

* Open terminal after restart the linux
  + Check which location you working, type **pwd** and take screenshot

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* Now use **cd /var** and hit **Enter** key
  + Do **ls,** and see what output comes, give screenshot?

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* Do explore other help options of each command to learn more other things we can do with these commands