An Introduction to Linux Commands

What is Linux ????

A brief history of linux

- **Linux** began in 1991 as a personal project by Finnish student Linus Torvalds
- linux is open source operating system
- The main singularity of Linux is to be a free software

Getting started

Basic Command of Linux

File Handling Command

- touch - command is used to create empty files
  - Syntax : touch file1 file2
  - eg: touch demo.txt

- cat - It can be used to create a file, display content of the file
  - Syntax : cat > file // Enter the file content
  - **CTRL + D**
  - eg: cat file

- head - display the first 10 lines of a file
  - Syntax : head filename
  - eg: head demo.txt

Types of Command

- File Handling Commands
- Text Preprocessing Commands
- System Administration Commands
- Process Management Commands
- Network Commands

File Handling Command

- mkdir - make directories
    - Syntax : mkdir [OPTION] DIRECTORY
    - eg: mkdir ammi

- ls - list directory content
    - Syntax : ls
    - eg: ls

- cd - changes directories
    - Syntax : cd Directory1/Directory2
    - eg: cd Desktop/presentation

File Handling Command

- pwd - print the name of current working directory
  - Syntax : pwd
  - eg: pwd

- cp - copy files and directory
  - Syntax : copy sourceFile destFile
  - eg: cp file1 file2
    - cp file presentation

- mv- move files
  - Syntax : mv sourceFile destDirectory
  - eg: mv ammi.txt documents

File Handling Command

- rw - remove files or directories
    - Syntax : rw filename
    - eg: rw ammi.txt
    - rw -rf pictures

- find - search for files in a directory
    - Syntax : find [path][pattern]
    - eg: find file1.txt

- history- print the recently used commands
    - Syntax : history
    - eg: history

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