**Name**: Ravi Jamanbhai Makwana

**Roll No**: 21BCP418

Div-6, G-12

**Assignment-1**

1. whoami



1. pwd



1. ls



1. ls-R

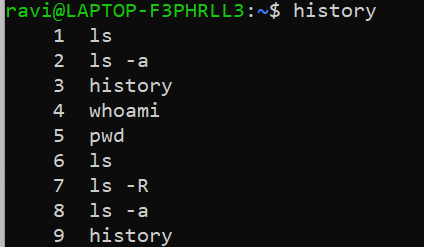


1. ls -a

used to show hidden files



1. history



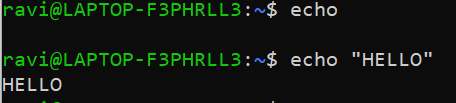
1. clear

clears terminal



1. echo

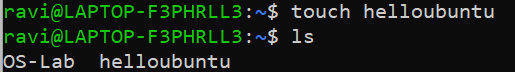
works like print



1. touch

used to create files

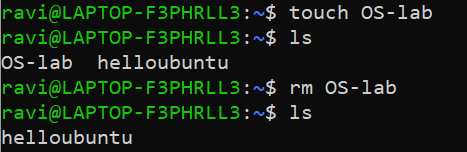




1. rm

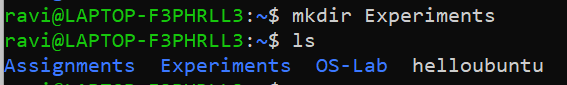
used to remove files

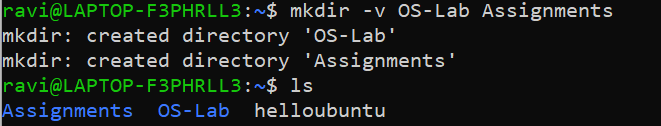




1. mkdir

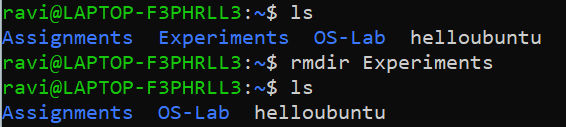
used to create directories





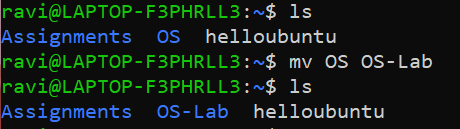
1. rmdir

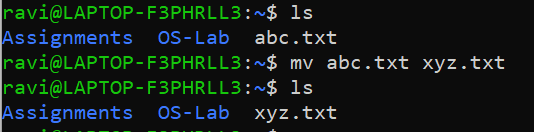
used to remove directories



1. mv

used to rename (or move) files/directories

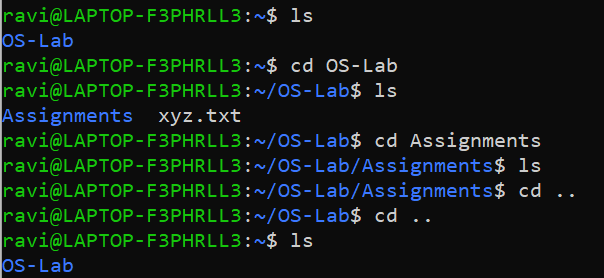




1. cd

change directory

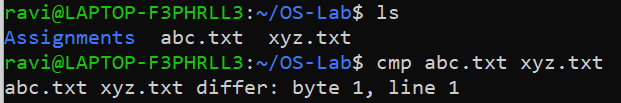
cd .. is used to go back



1. cmp

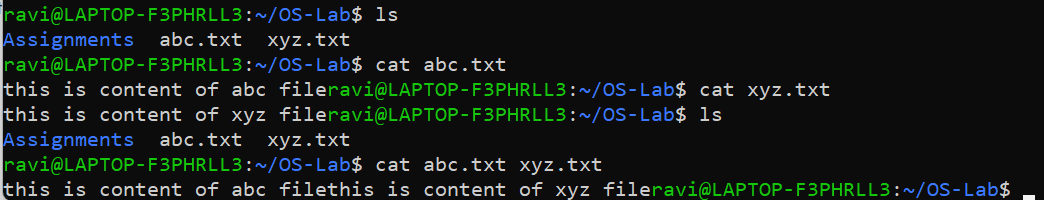
used to compare 2 files

returns nothing if they are identical, else returns the location or byte where they differ



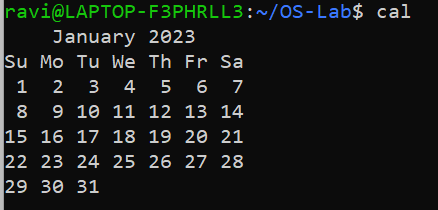
1. cat

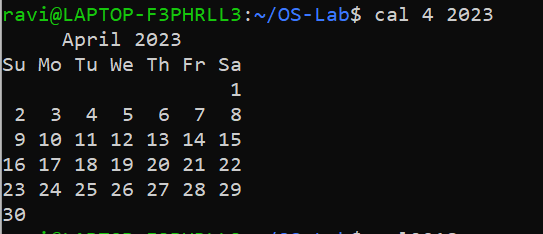
used to view content of a file or concatenate and view contents of 2 files



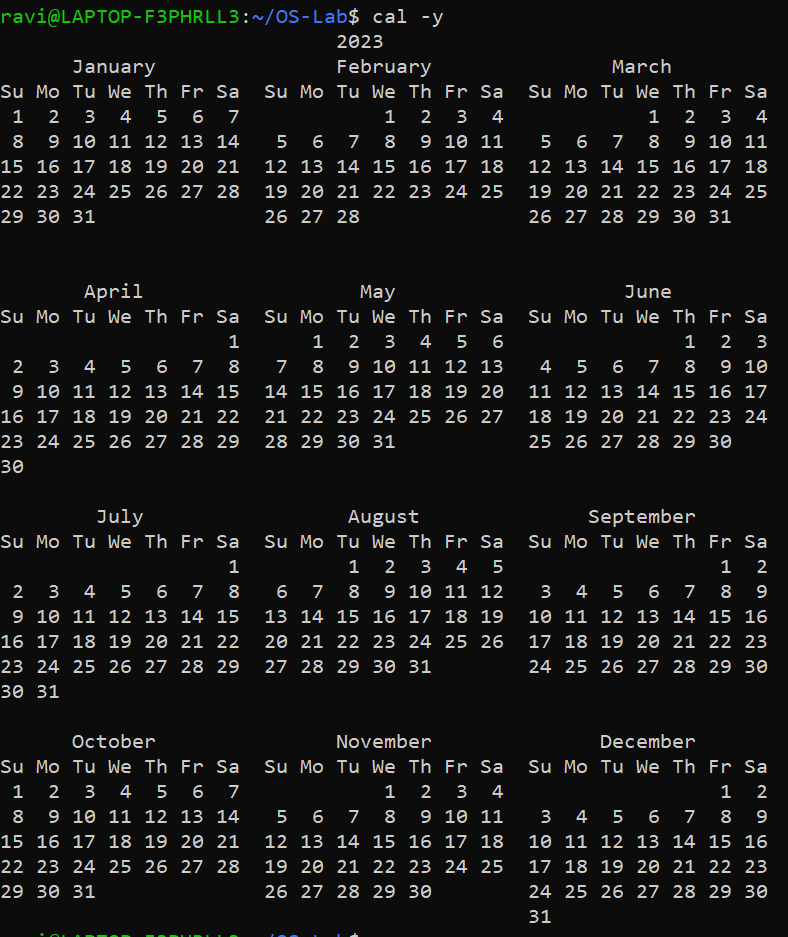
1. cal

calendar

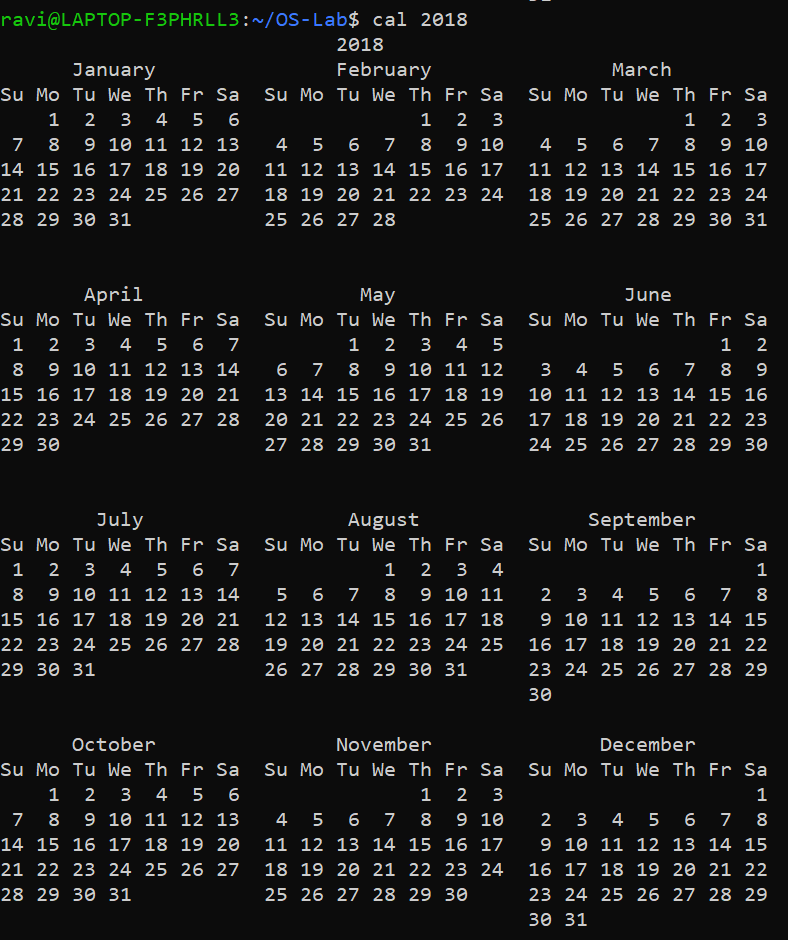




1. cal -y

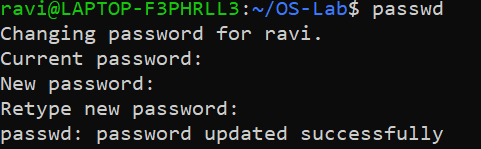


1. cal 2018



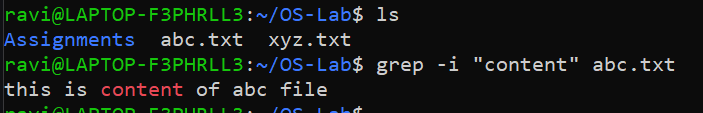
1. passwd

used to change password



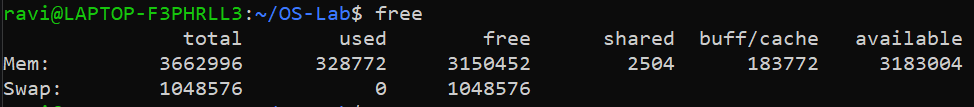
1. grep

used to search for specific words or expressions in any file



1. free

shows free spaces and buffers, etc.



1. uname



1. uname -a



1. uname -s



1. uname -n



1. groups



1. comm

compares 2 sorted files and returns common lines and unique lines

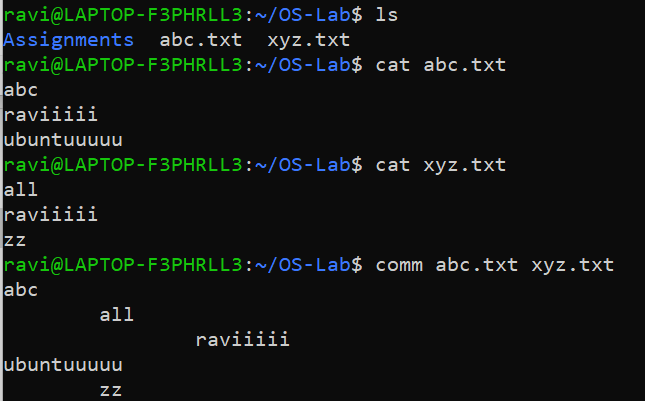
output has 3 columns:

1st column has the unique lines that file1 contains

2nd column has the unique lines that file2 contains

3rd column has lines that are common to both files

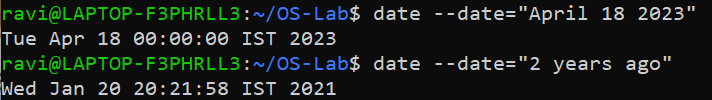
Note: Both files HAS to be in sorted order before writing the command



1. date



1. date -d

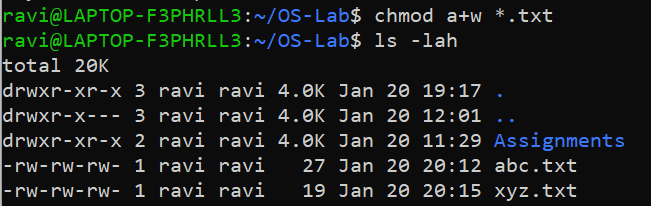


1. chmod

change mode

used to change access mode of a file

| **Access class** | **Operator** | **Access Type** |
| --- | --- | --- |
| u (user) | + (add access) | r (read) |
| g (group) | - (remove access) | w (write) |
| o (other) | = (set exact access) | x (execute) |
| a (all: u, g, and o) |  |  |



1. wc

word count

displays number of lines, words, characters in a file

