**Experiment No.: 3**

**Aim**

Familiarization of linux commands

**CO2**

Perform system administration task

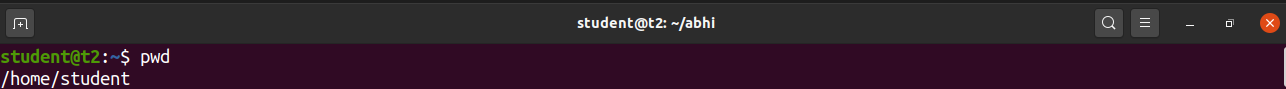
**Procedure**

1. pwd - Used to print the working directory.

After execution it shows the absolute path.

$pwd

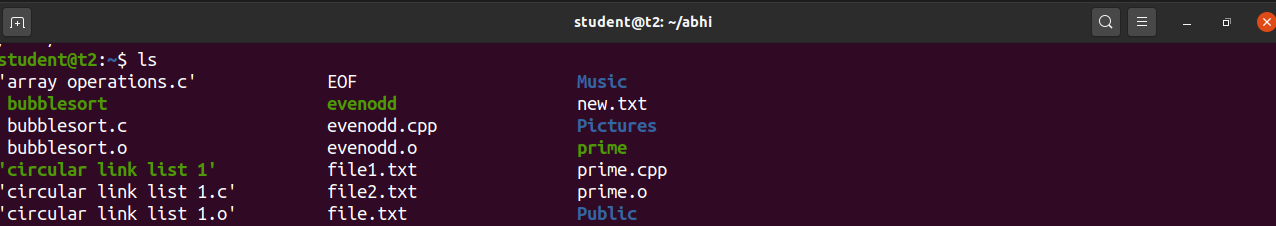
**Output screenshot:**



2. ls - Used to list the files and content in the directory

$ls

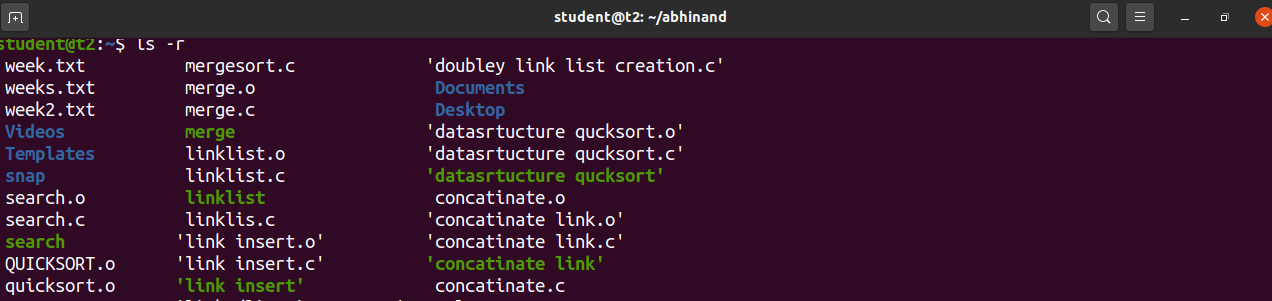
**Output screenshot:**



a. ls -R – It list the directory as well as the subdirectory

$ls -R

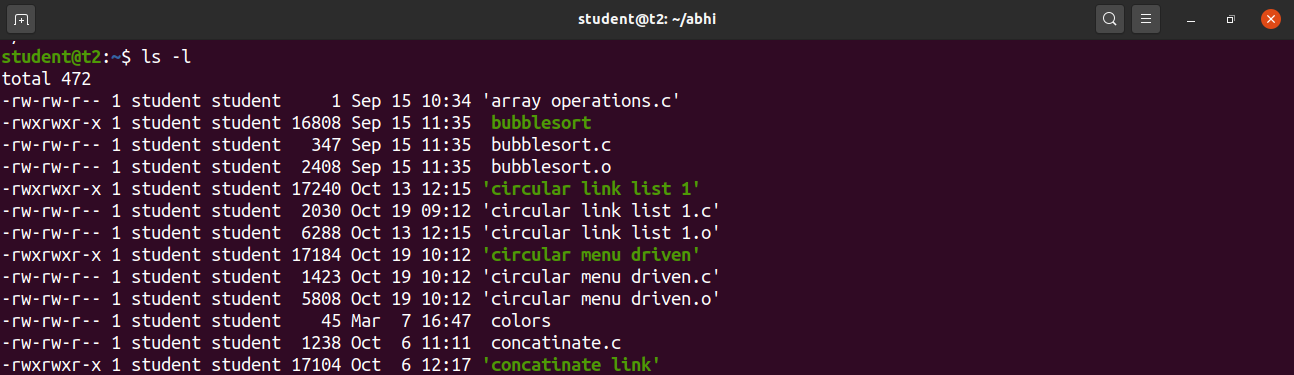
**Output screenshot:**



b. ls -l – Used to view the long list of content

$ls -l

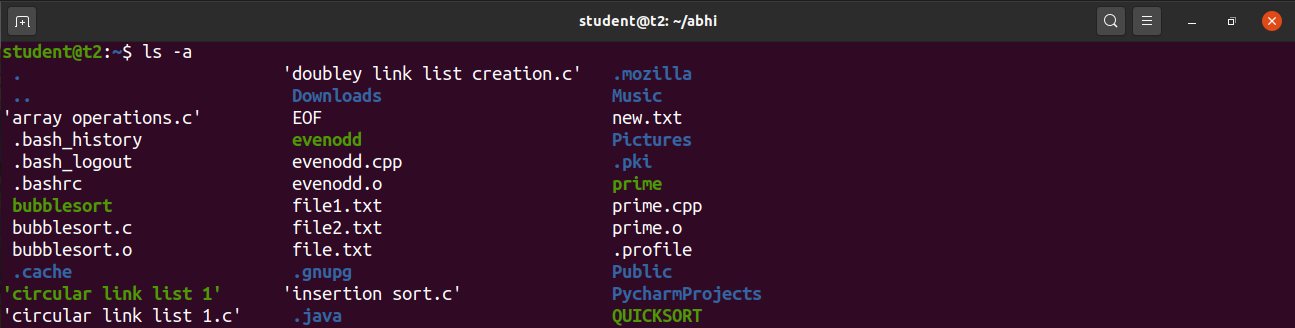
**Output screenshot:**



c. ls -a – Used to view the list in directory along with hidden files

$ls -a

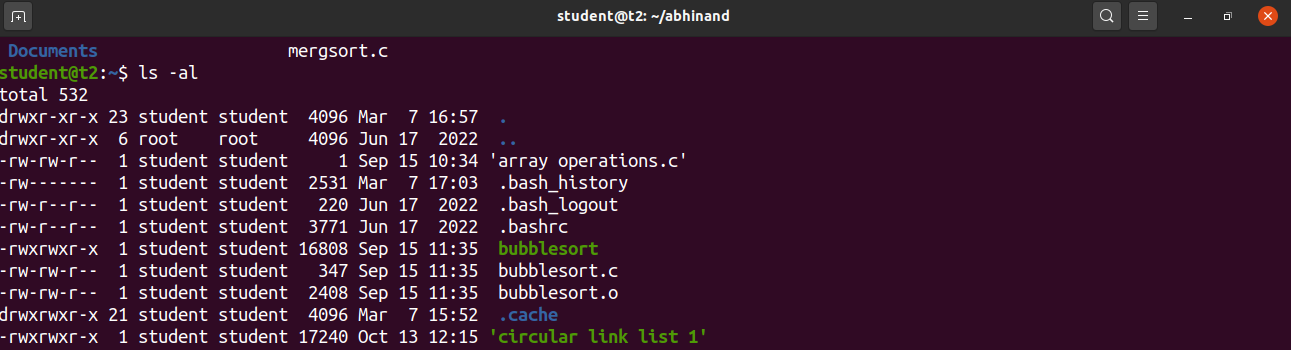
**Output screenshot:**



d. ls – al -Used to view the list in directory with detailed information along with hidden files

$ls – al

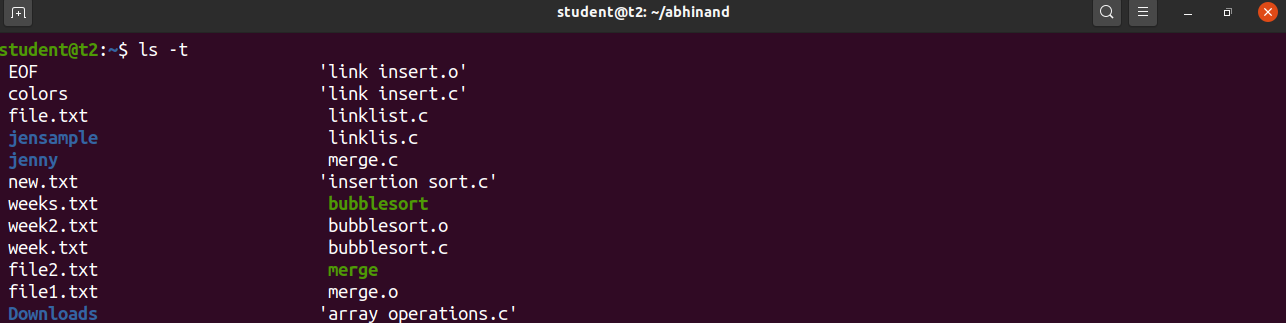
**Output screenshot:**



e. ls – t – Used to view the list in sorted order of last modified.

$ls – t

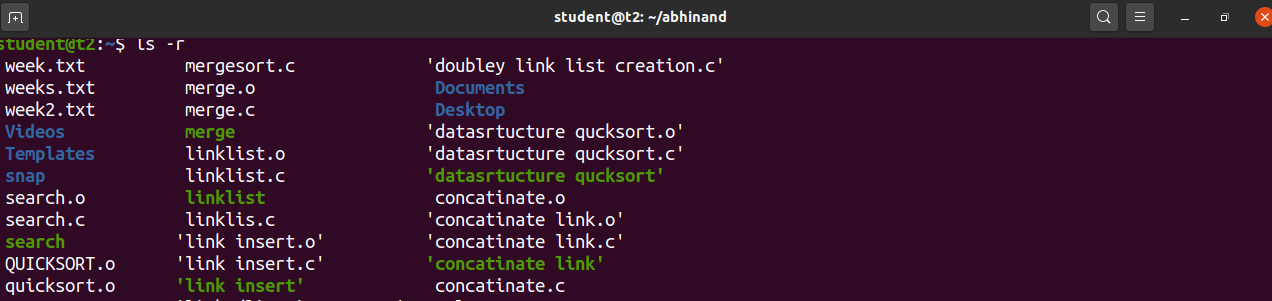
**Output screenshot:**



f. ls – r – Used to view the list in reverse order of last modified.

$ls – r

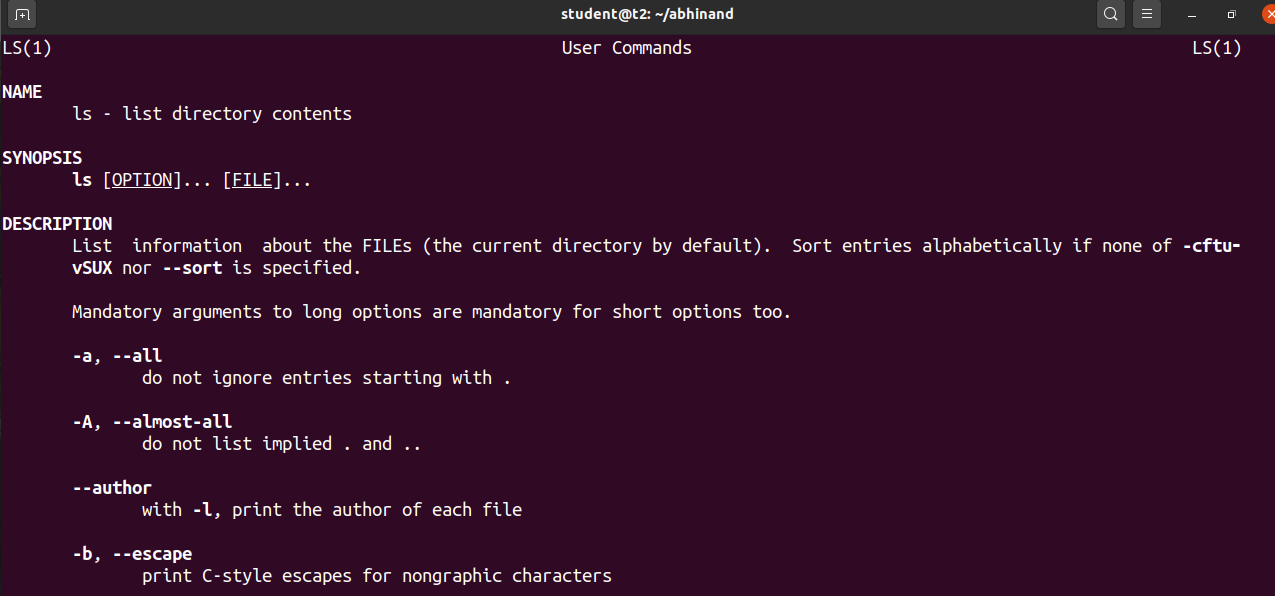
**Output screenshot:**



g. man ls – Used to learn and understand the existing commands we can learn and understand about different write from the shell using man command

$ man ls

**Output screenshot:**



3. mkdir – Used to make new directory

$mkdir abhi

**Output screenshot:**



4. cd – Used to navigate through the directory

$cd abhi

**Output screenshot:**



5. cd -- Used to move one directory up

$cd –

**Output screenshot:**



6. history – Used to view the list of commands executed in a certain period of time.

$ history

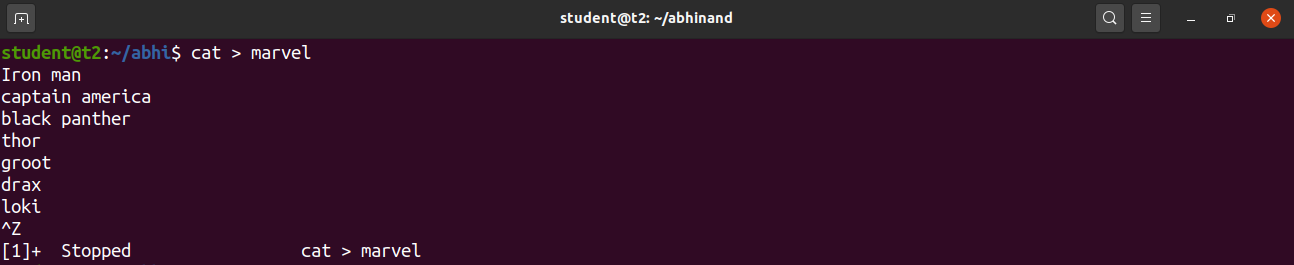
**Output screenshot:**



7. cat > - Used to create a new file

$cat > marvel

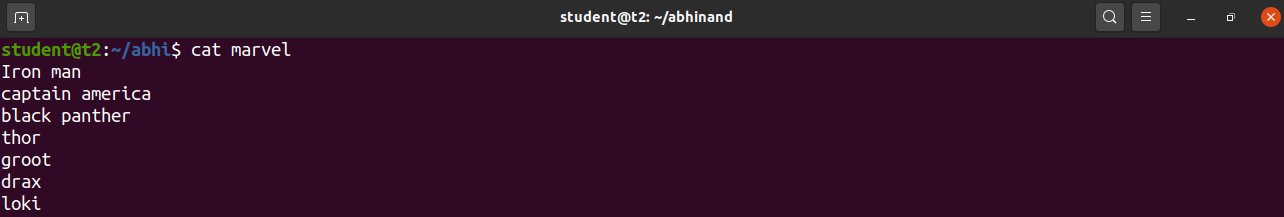
**Output screenshot:**



8. cat - Used to display the file

$cat marvel

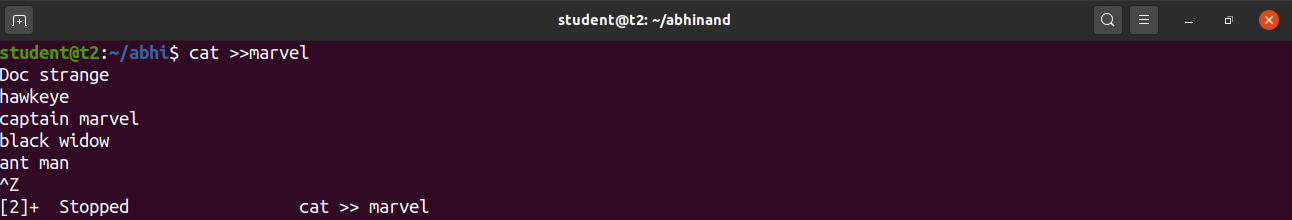
**Output screenshot:**



9. cat>> -Used to append content to an existing file

cat >> marvel

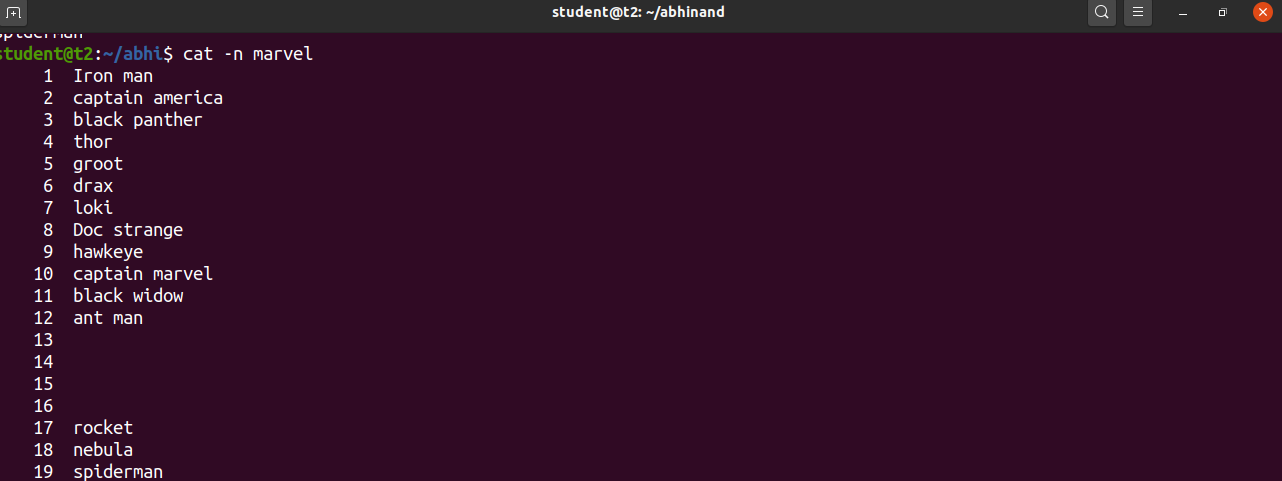
**Output screenshot:**



10. cat -n – Used to display content of file along with line number

$cat - n marvel

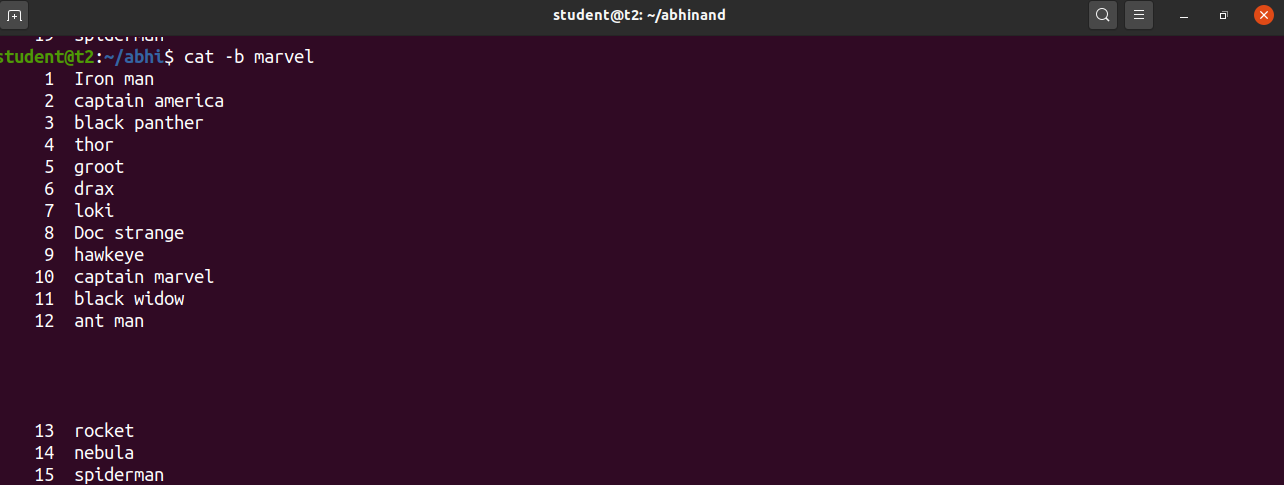
**Output screenshot:**



11. cat -b -Used to display content and number the lines that are not empty

$cat – b marvel

**Output screenshot:**



**Result**

The program was executed and the result was successfully obtained. Thus CO2 was obtained.