**Experiment No.: 3**

**Aim**

Familiarization of Linux Commands.

**CO2**

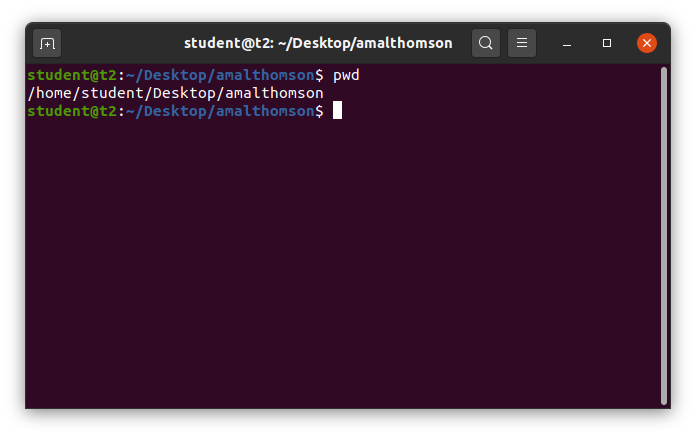
Perform system administration tasks.

**Procedure**

1. **pwd** – used to print the working directory. After execution it shows the absolute path.

Syntax: $ pwd

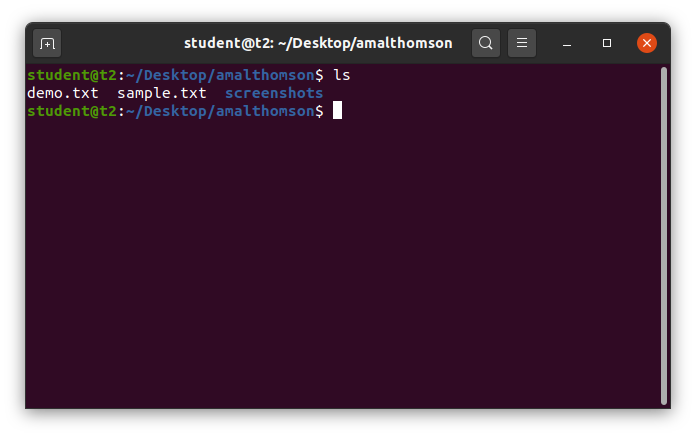
Output:



1. **ls** – used to list the files and content in the directory.

Syntax: $ ls

Output:

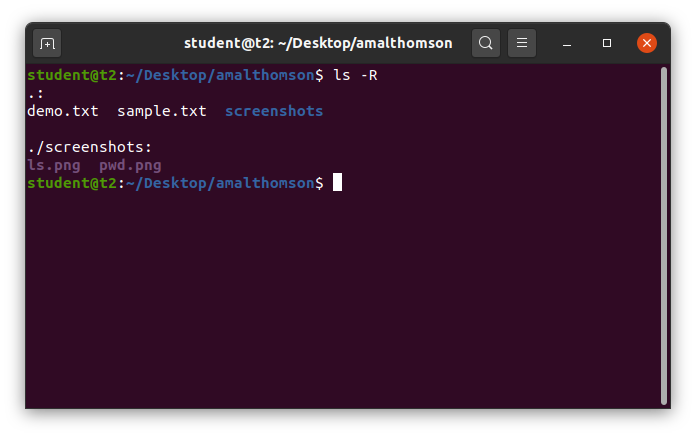


**Options of ls command.**

1. **ls -R** – used to list the directory as well as the subdirectory.

Syntax: $ ls -R

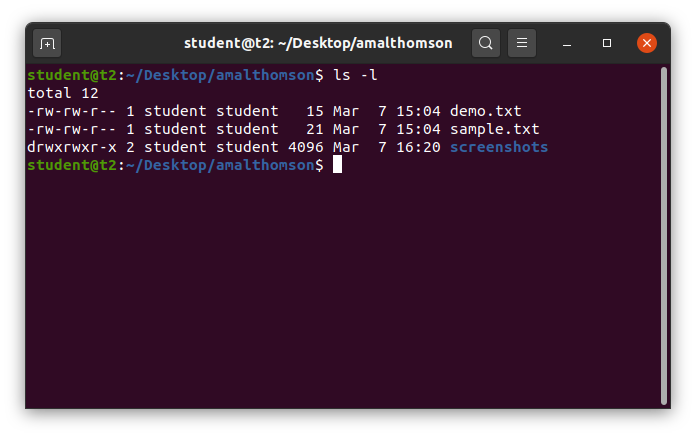
Output:



1. **ls -l** – used to view the long list of directory.

Syntax: $ ls -l

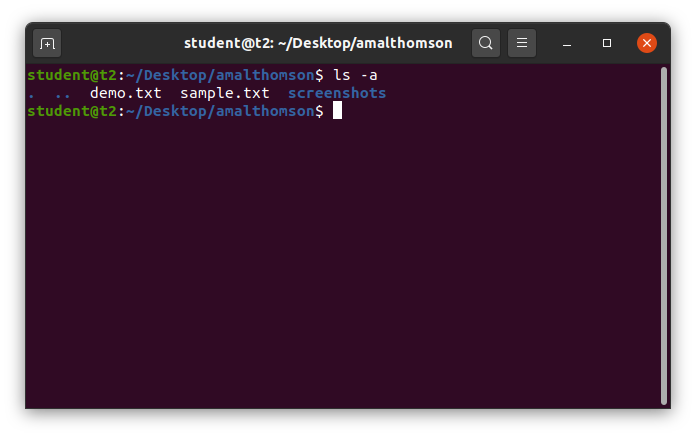
Output:



1. **ls -a** – used to view the list in directory along with hidden files.

Syntax: $ ls -a

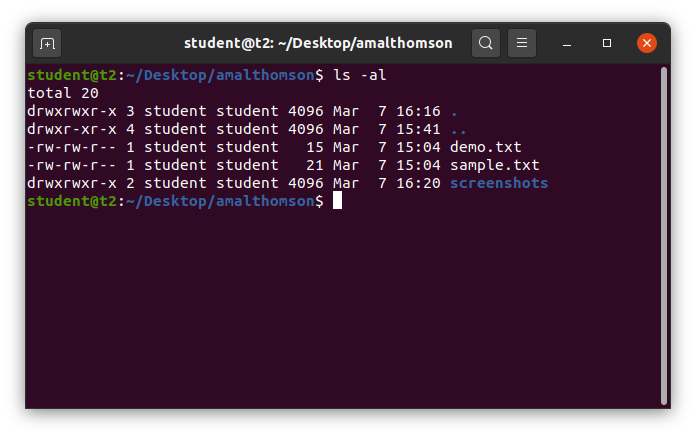
Output:



1. **ls -al** – used to view the list in directory with detailed information along with hidden files.

Syntax: $ ls -al

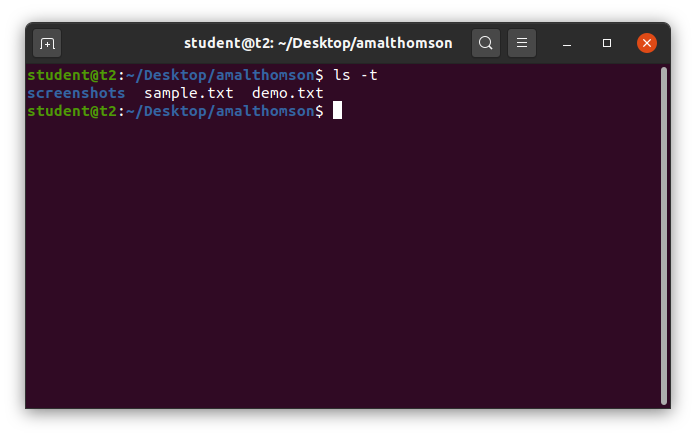
Output:



1. **ls -t** – used to view the list in sorted order of last modified.

Syntax: $ ls -t

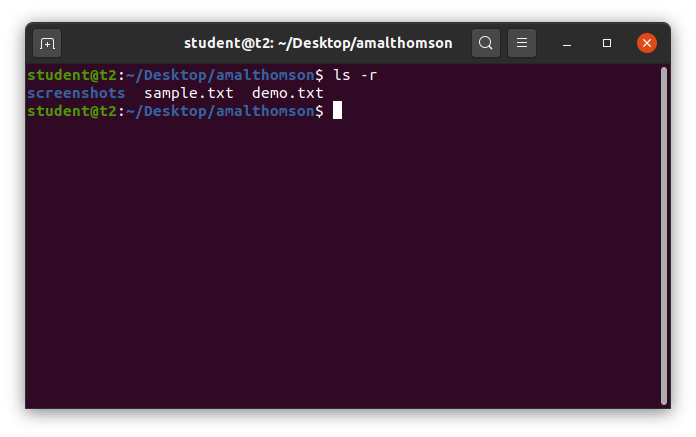
Output:



1. **ls -r** – used to view the list in reverse order of last modified.

Syntax: $ ls -r

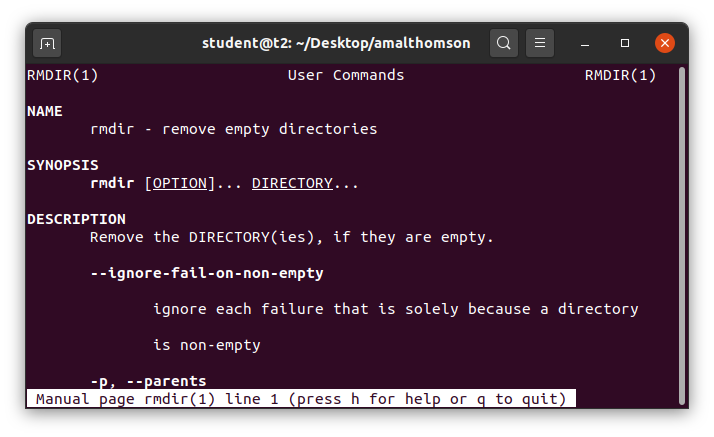
Output:



1. **man** - used to learn and understand the existing commands we can learn and understand about different write from the shell using man command.

Syntax: $ man mkdir

Output:



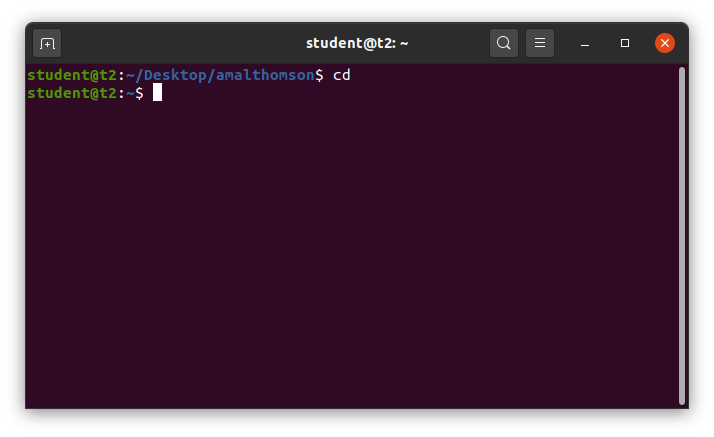
1. **cd** – used to navigate through directory.

**Options of cd commands**:

1. cd – used to switch to home directory.

Syntax: $ cd

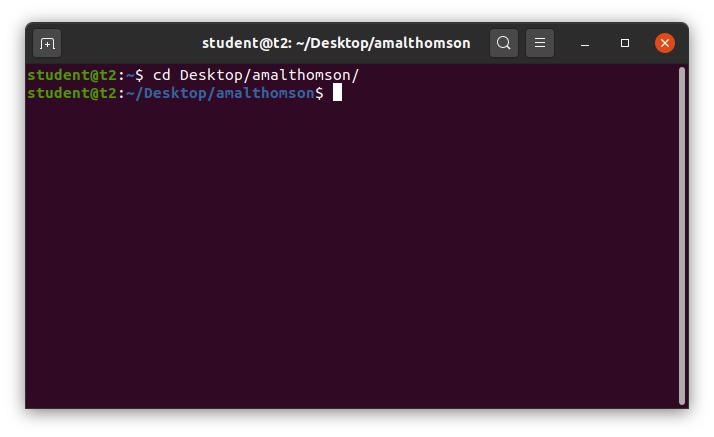
Output:



1. **cd <path>** - used to change to a particular path or directory

Syntax: $ cd *<directory\_path>*

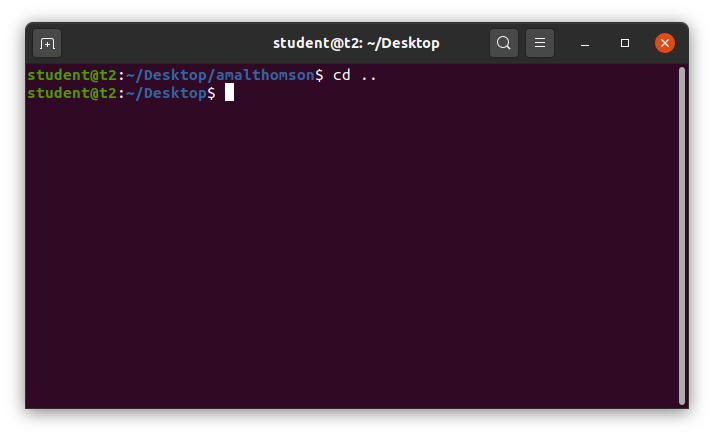
Output:



1. **cd ..** – used to switch back to previous directory or one directory back from the current directory

Syntax: $ cd ..

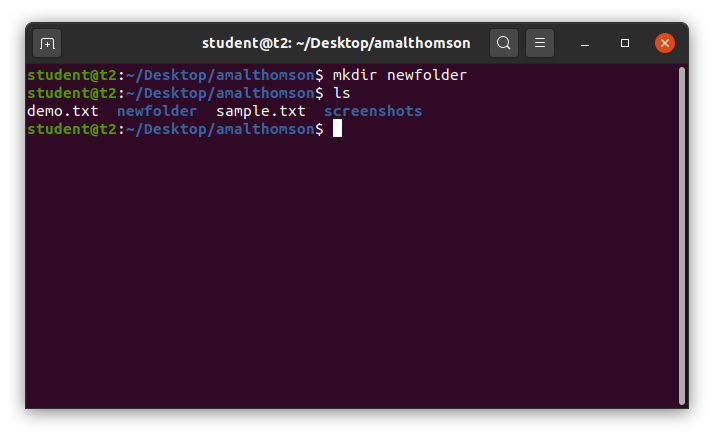
Output:



1. **mkdir** – Used to make new directory.

Syntax: $ mkdir *<directory\_name>*

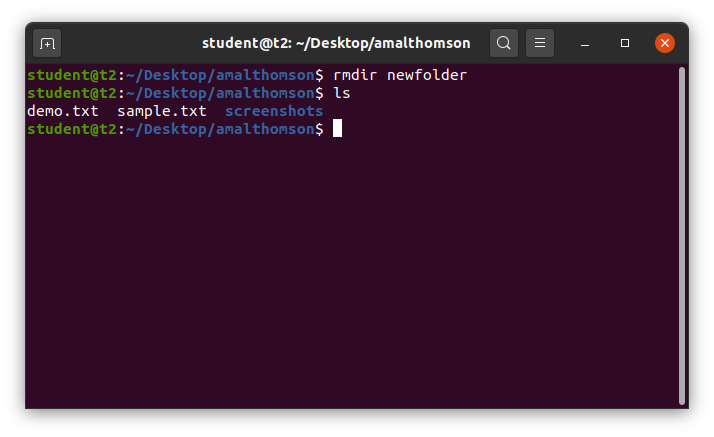
Output:



1. **rmdir** – used to remove a directory.

Syntax: $ rmdir <*directory\_name*>

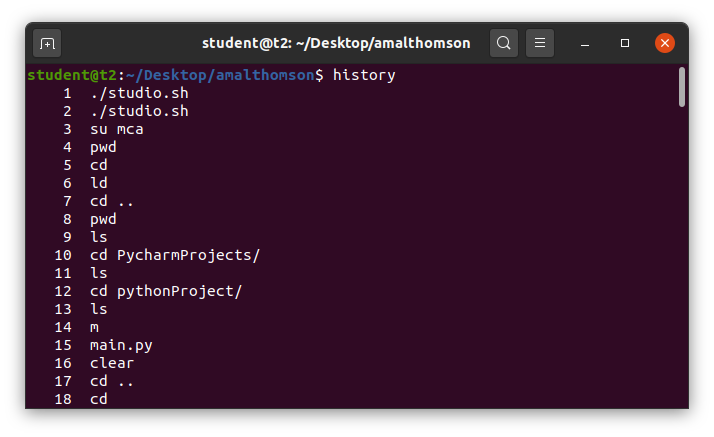
Output:



1. **history** – used to view the list of commands executed in a certain period of time.

Syntax: $ history

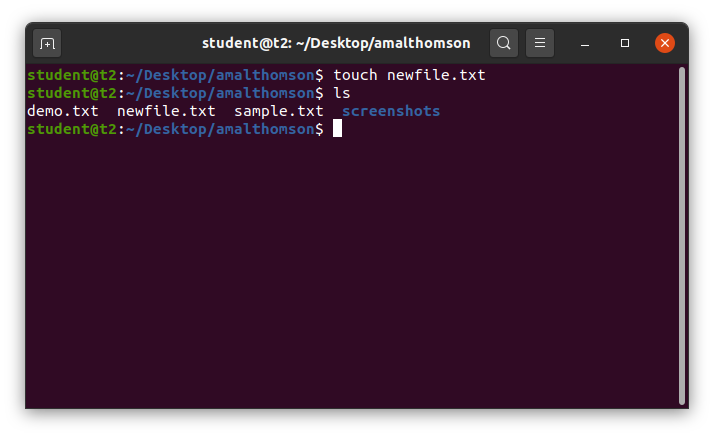
Output;



1. **touch** – used to create a new blank file.

Syntax: $ touch <*filename*>

Output:

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1. **cat –** usedto create a new blank file and also to add contents to the file.

**Options of cat commands:**

**Result**

The program was executed and the result was successfully obtained. Thus CO1 was obtained.