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**Batch:S2 RMCA**

**Date:24-03-2022**

**NETWORKING & SYSTEM ADMINISTRATION LAB**

**Experiment No.:3**

**Aim**

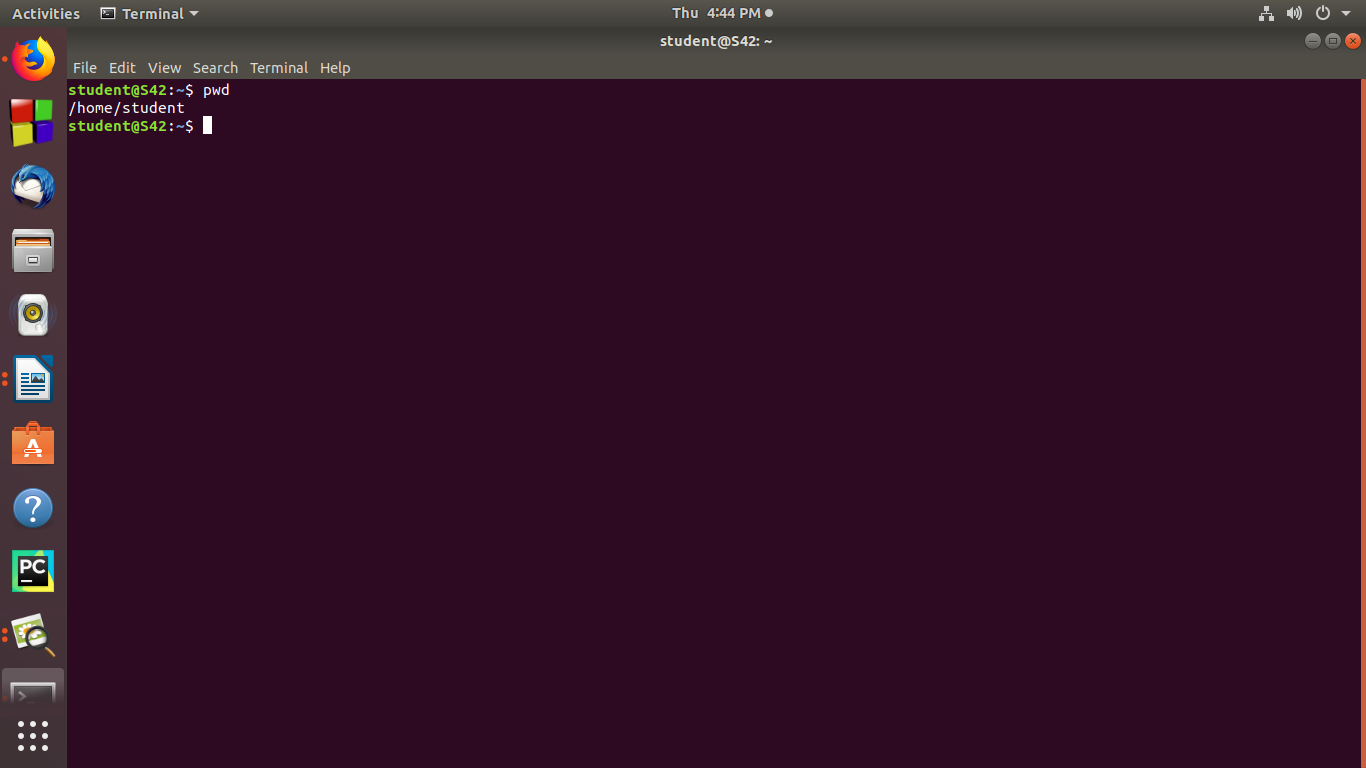
Familiarization of basic linux command.

**Procedure**

**1.pwd**

**pwd** stands for **P**rint **W**orking **D**irectory. It prints the path of the working directory, starting from the root.

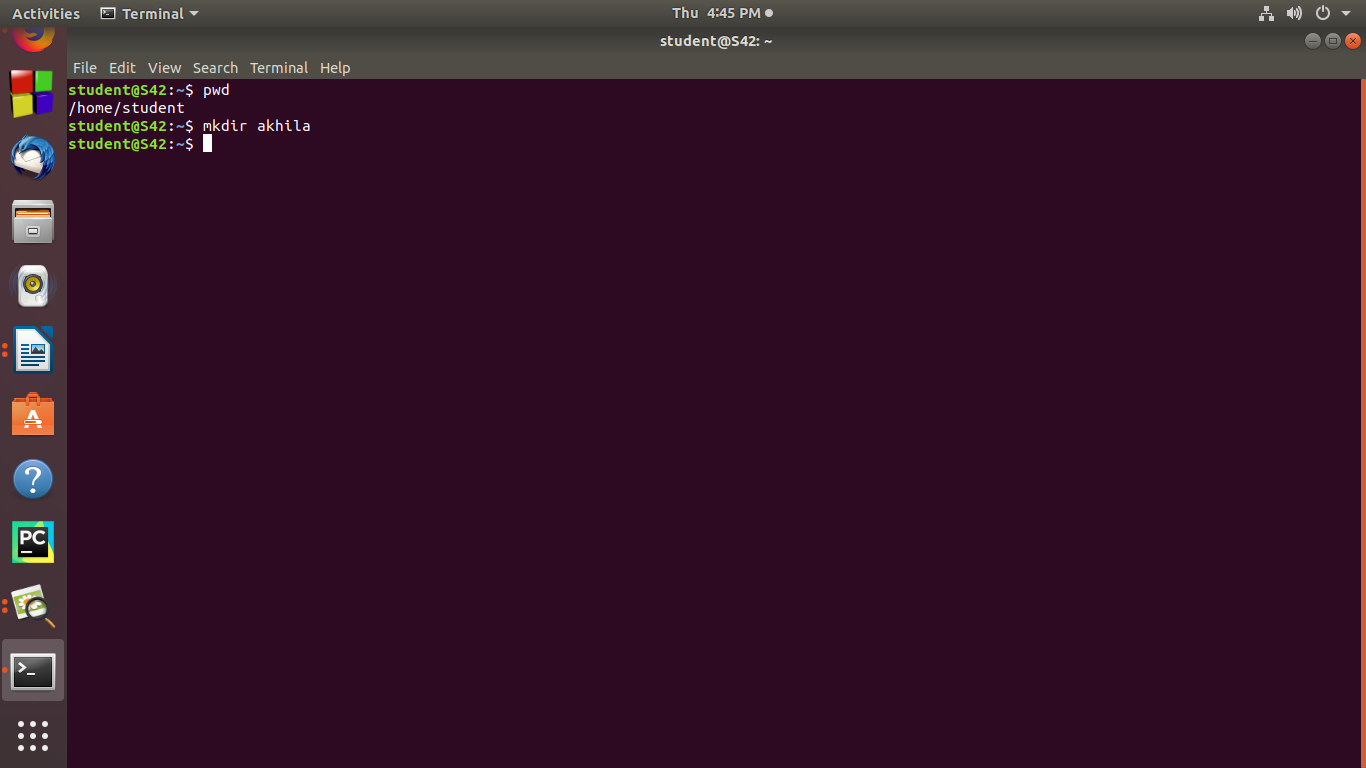
**Output**

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**2.mkdir**

**mkdir** command in Linux allows the user to create directories (also referred to as folders in some operating systems ).

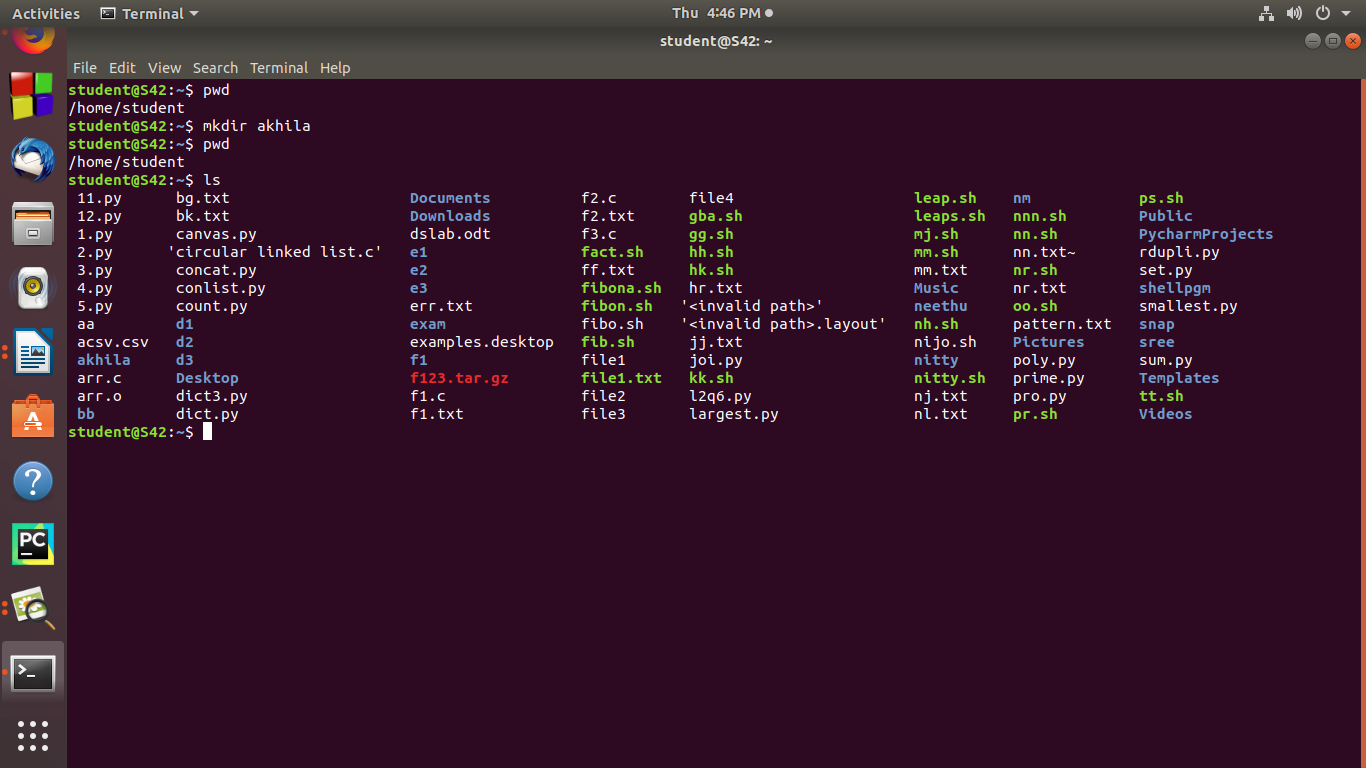
**Output**



**3.ls**

The **ls** is the list command in Linux. It will show the full list or content of your directory.

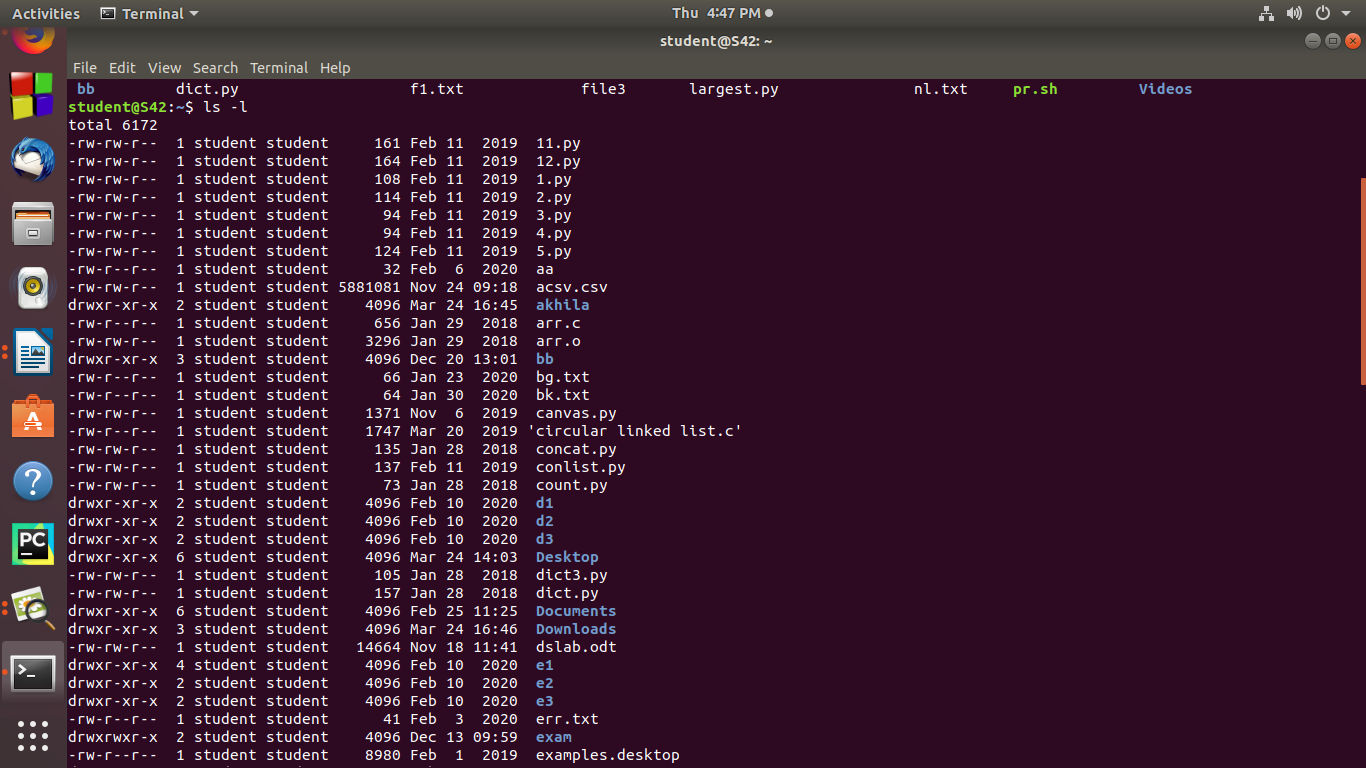
**Output**



**4.ls -l**

It will show the list in a long list format.

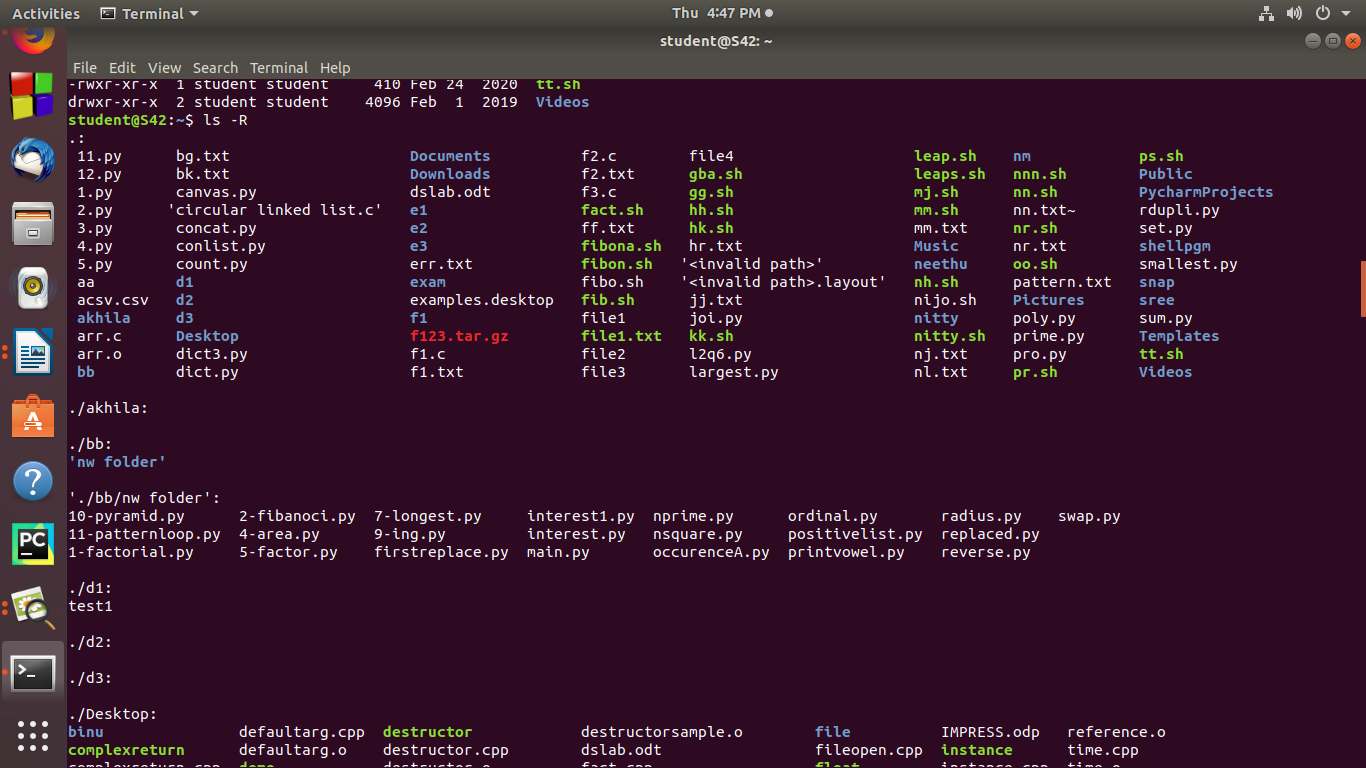
**Output**



**5.ls -R**

It will display the content of the sub-directories also.

**Output**

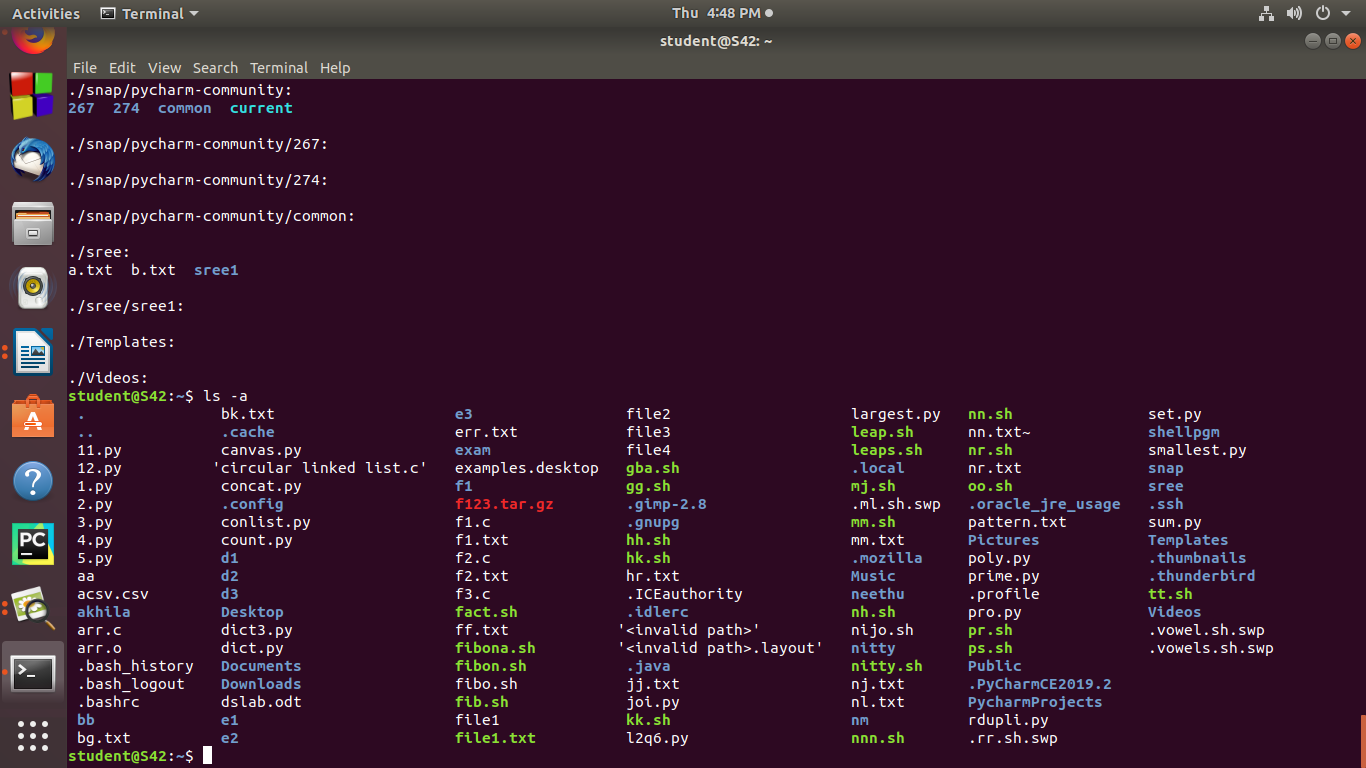


**6.ls -a**

The (ls -a) command will enlist the whole list of the current directory including

the hidden files.

**Output**

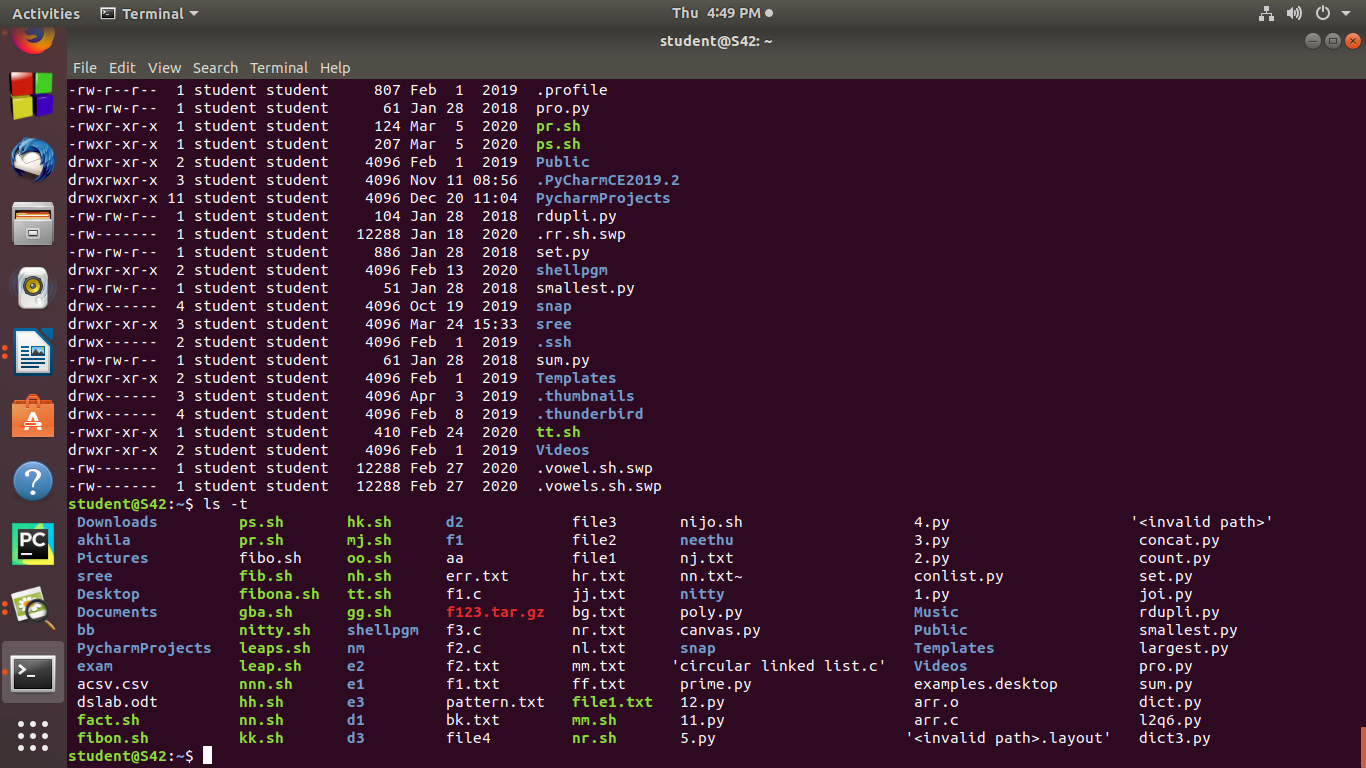


**7.ls -t**

**ls -t** command in Linux ls -t option flag sorts files/directories list by time/date.

**Syntax** $ ls -t [options] [file|dir]

**Output**



**8. cd**

**cd** command in linux known as change directory command. It is used to change current working directory.

**Output**



**9 .cd ..**

**cd .. :** this command is used to move to the parent directory of current directory, or the directory one level up from the current directory. “..” represents parent directory.

**Output**



**10.cd –**

To navigate to the previous directory.

**Output**

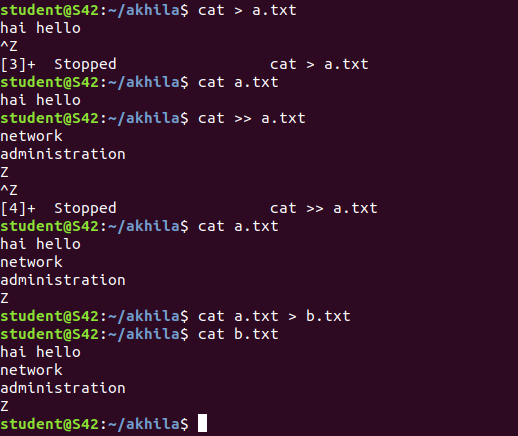


**11. cat**

Cat(concatenate) command is very frequently used in Linux. It reads data from the file and gives their content as output.

Copy the contents of one file to another file.   
Command:   
 $cat [filename] > [destination-filename]

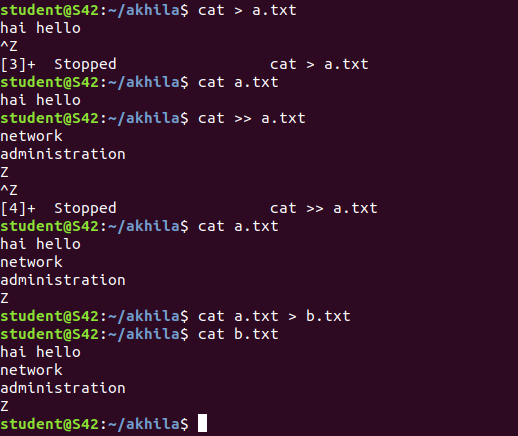
**Output**



**12 cat >> a.txt**

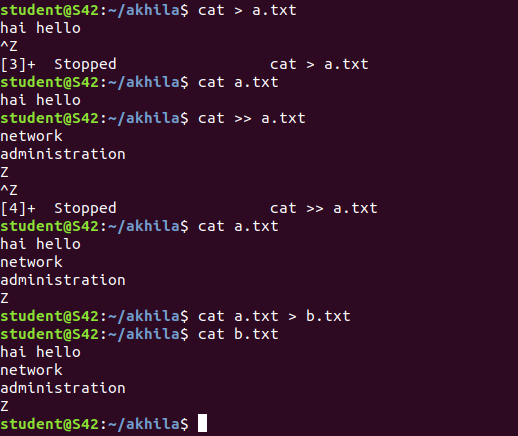
**Cat command can append the contents of the existing file.**

**Output**



13 cat a.txt

**Output**



**14 .cat a.txt > b.txt**

**cat b.txt**

**Cat command can append the contents of one file to the end of another file.**

**Output**

