**Experiment No.3:**

**Aim:**

Familiarization of linux commands.

**CO2:**

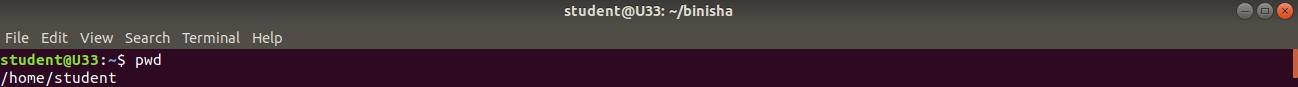
Perform system administratioon task.

**Procedure:**

1. pwd – Prints the path of the current working directory.

**$ pwd**

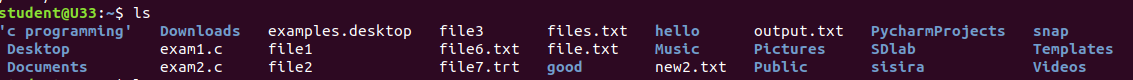
**Output:**



1. ls -Used to list the files and directory.

**$ ls**

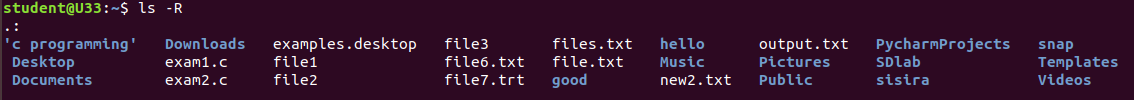
**Output:**



2 a. ls -R -Detailed view of subdirectory.

**$ ls -R**

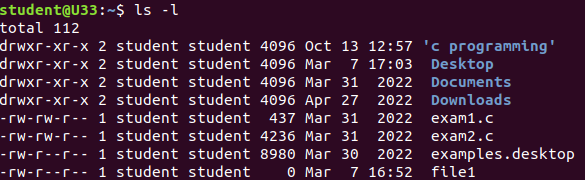
**Output:**

****

2 b. ls -l - long listing of contents.

**$ ls -l**

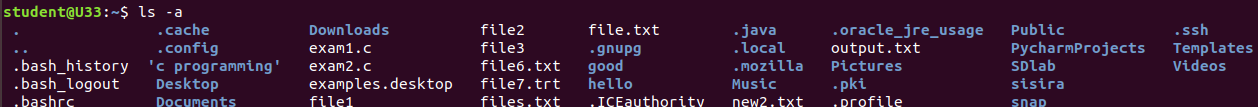
**Output:**



2 c. ls -a -Used to view hidden files.

**$ ls -a**

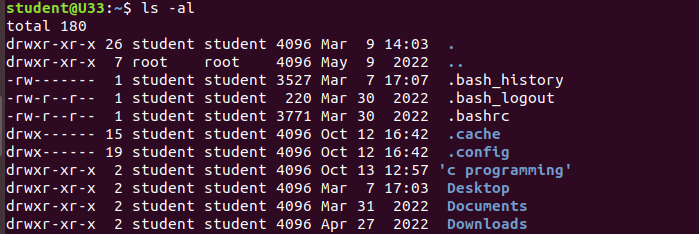
**Output:**

****

2 d. ls -al -To list the detailed information of files and directories along with hidden files.

**$ ls -al**

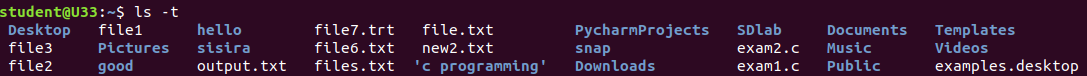
**Output:**

****

2 e. ls -t -List the files in the sorted order of last modified.

**$ ls -t**

**Output:**

****

3. mkdir – Allows user to create or make new directory.

**$ mkdir**

**Output:**

****

4. cd -Used to change the current working directory.

**$ cd binisha**

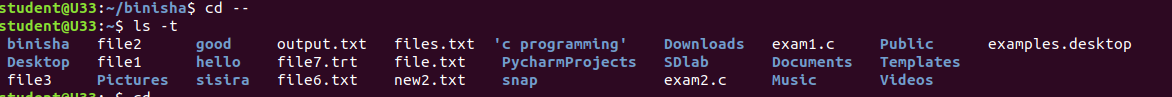
**Output:**

****

4 a. cd -- -To move one directory up.

**$ cd –**

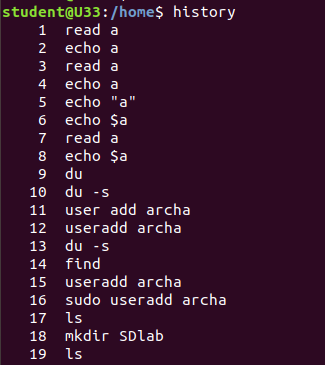
**Output:**



5. history – To view the history and commands which we have been executed for a long time.

**$ history**

**Output:**

****

6. man -To learn and understand about different commands.

**$ man ls**

**Output:**

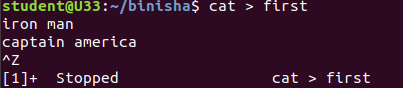
****

****

7. cat > – To create a new file.

**$ cat > first**

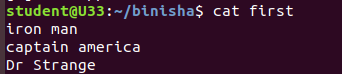
**Output:**

****

7 a. cat filename – To display content.

**$ cat first**

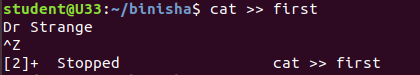
**Output:**

****

7 b. cat >> - To append content to the file.

**$ cat >> first**

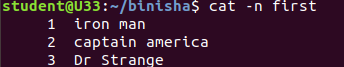
**Output:**

****

7 c. cat -n -To display the line number.

**$ cat -n**

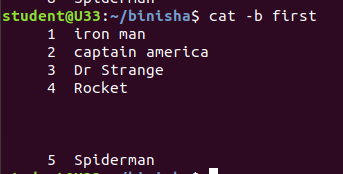
**Output:**

****

7 d. cat -b -Removing the empty line numbering.

**$ cat -b**

**Output:**

****

**Result:**

The program is executed successfully and the output is verified.

**Experiment No.4:**

**Aim:**

Familiarization of linux commands.

**CO2:**

Perform system administratioon task.

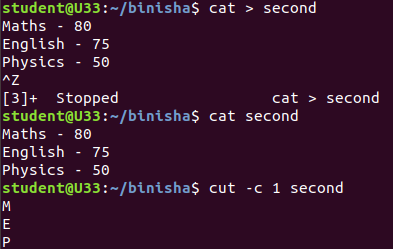
**Procedure:**

cut – For cutting out sections from each line of file and written the resultant to standard output.

1 a. cut -c – Cut by characterwise.

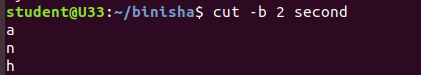
**$ cut -c 1 second**

**output:**

  
  
1 b. cut -b  - cut by bytes.

**$cut -b 2 second**

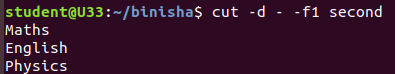
**output:**



1 c. cut -d

**$ cut -d  - -f1 second**

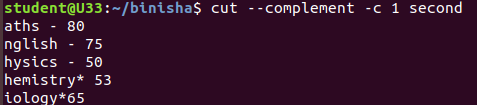
**output:**



1 d. cut –complement - To cut by complement pattern.

**$cut –complement -c 1 second**

**output:**



2 a . paste – paste command is used to join filed consisting of lines from each file horizontally by outputting lines.

**$paste f1 f3**

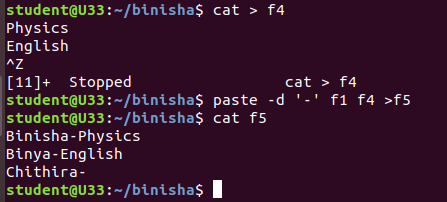
**output:**



2 b. paste -d - To separate the contents of two files with delimiter.

**$paste -d ‘-‘ f1 f4 > f5**

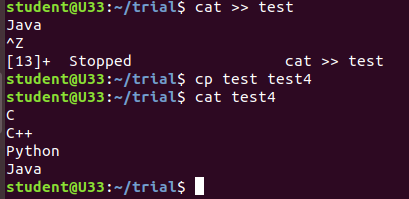
**output:**



3 a. cp file1 file2- copy contents of file1 to file2.

**$cp test test4**

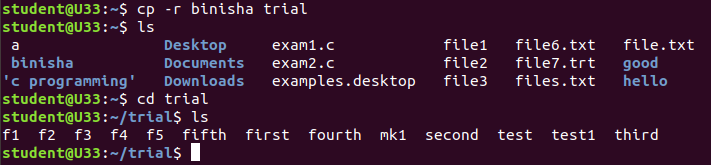
**output:**



3 b. cp -r previous directory new directory.

**$cp -r binisha trial**

**output:**

**Result:**

The program is executed successfully and the output is verified.