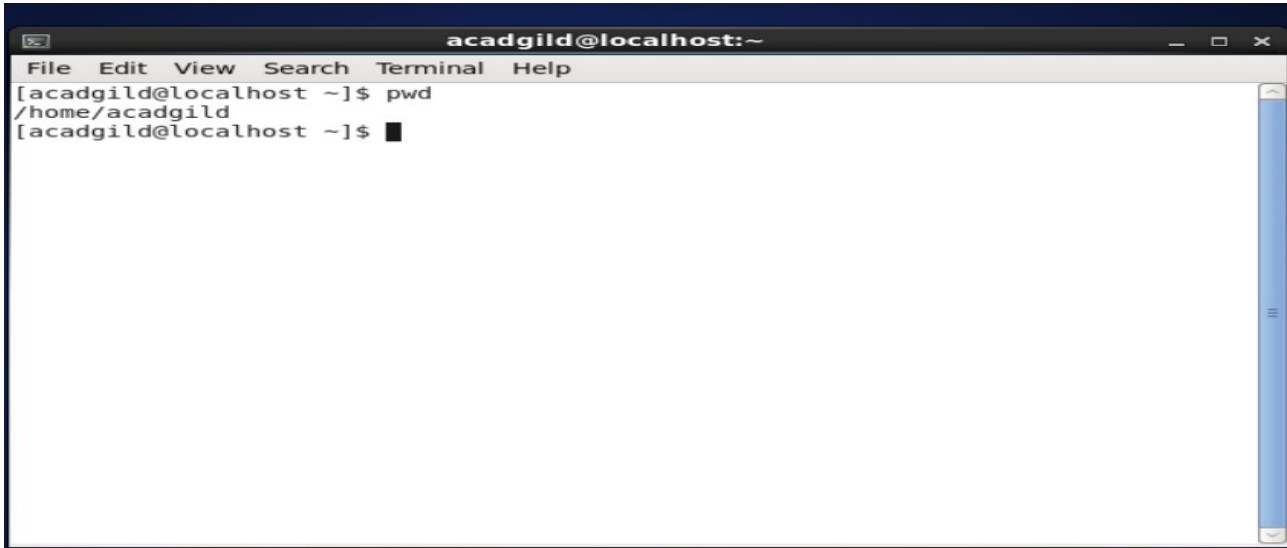


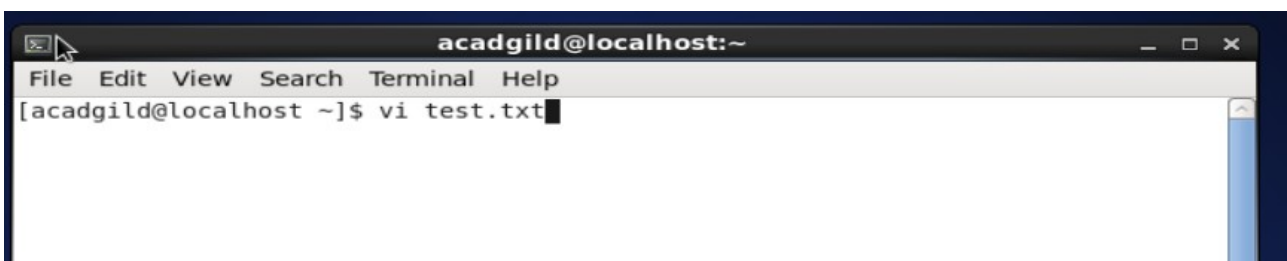
## Big Data Assignment 1.2

1. `pwd` – This command is used to print the full path name of the current or the working directory .

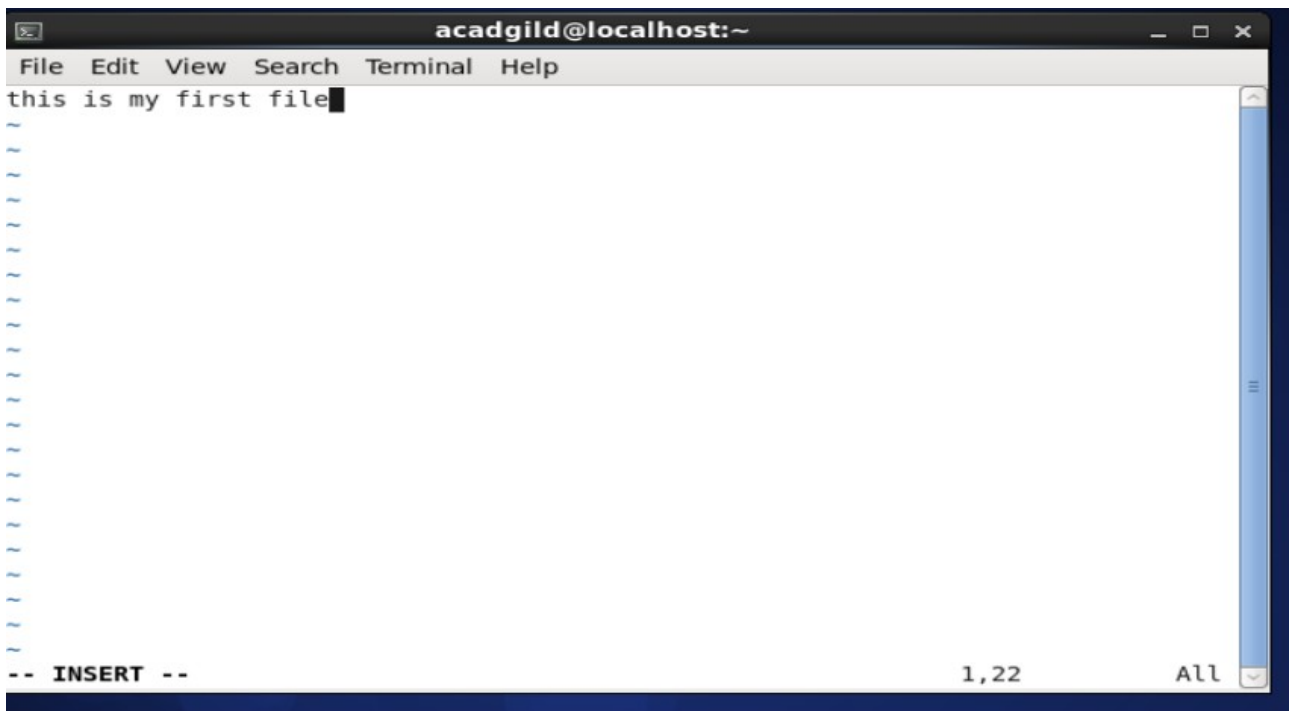


```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ pwd  
/home/acadgild  
[acadgild@localhost ~]$
```

2. `vi` – The default editor that comes with UNIX. It works in two modes of operation:
  1. *Command mode* commands which cause action to be taken on the file.
  2. *Insert mode* in which entered text is inserted into the file.

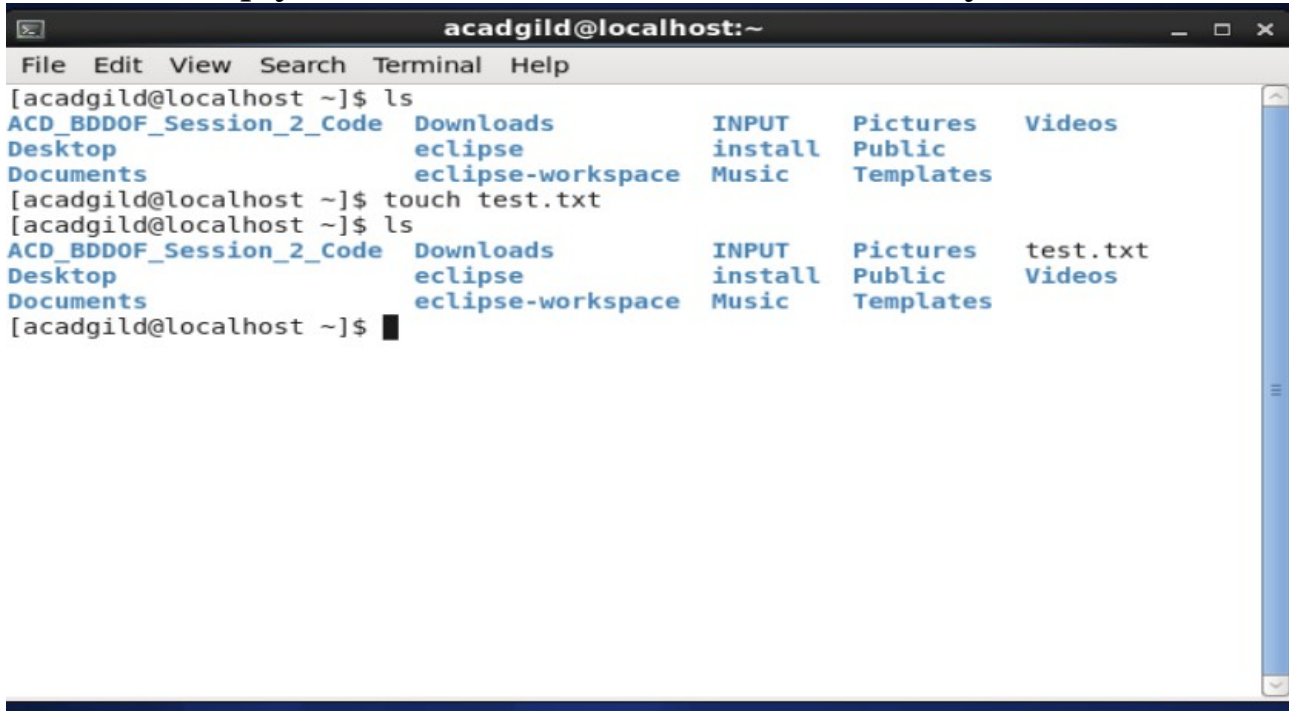


```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ vi test.txt
```



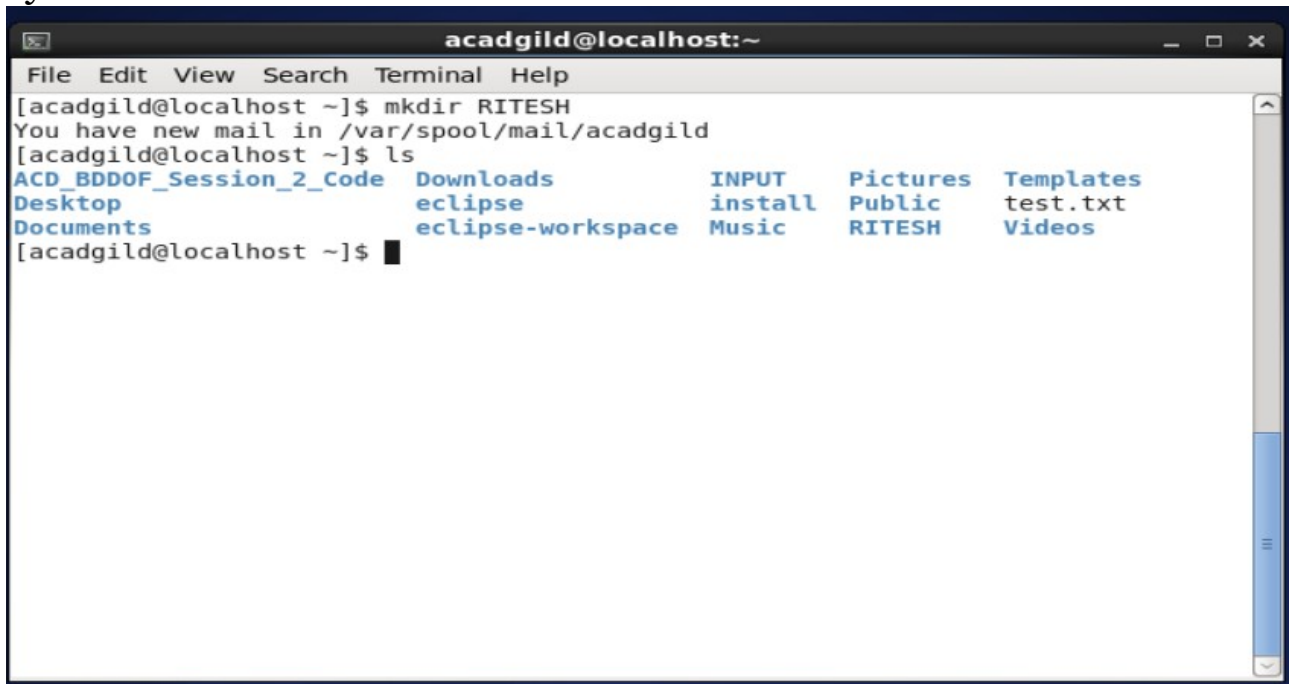
```
acadgild@localhost:~
File Edit View Search Terminal Help
this is my first file
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
-- INSERT -- 1,22 All
```

3. touch – This command is used to change a file's timestamps or create an empty file if it is not created in the directory.



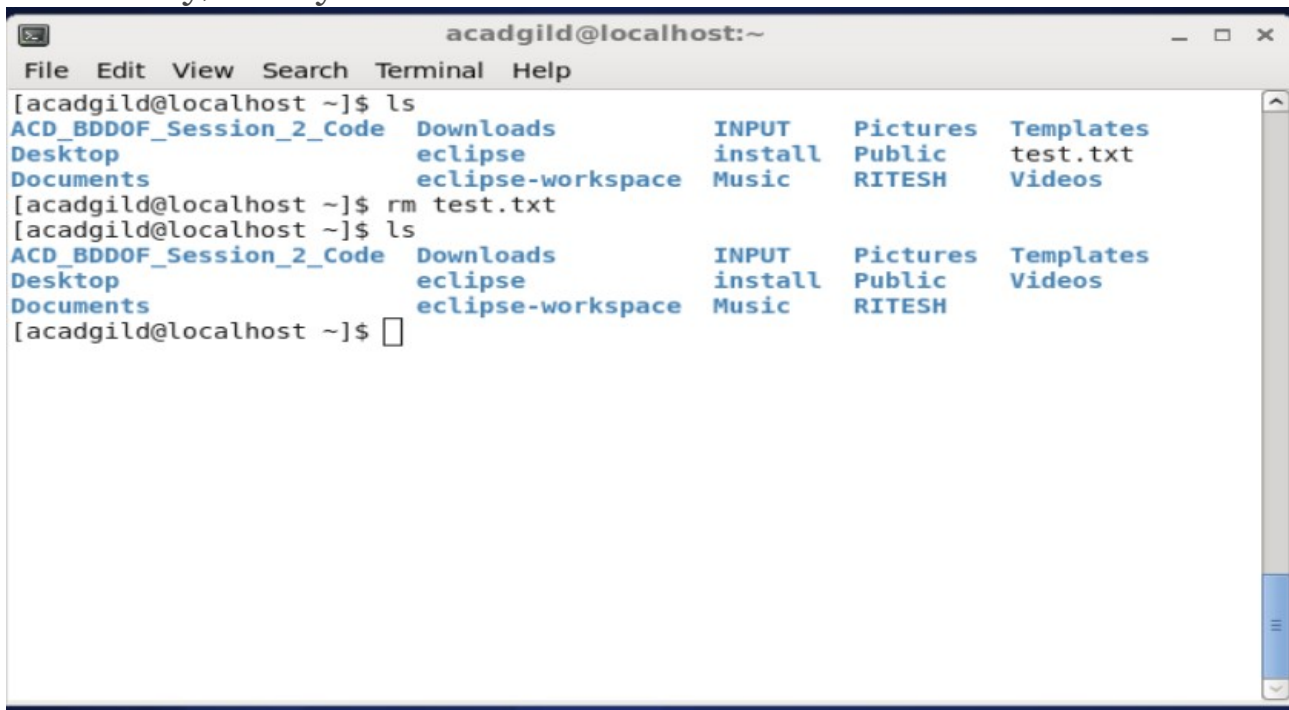
```
acadgild@localhost:~
File Edit View Search Terminal Help
[acadgild@localhost ~]$ ls
ACD_BDDOF_Session_2_Code  Downloads      INPUT      Pictures  Videos
Desktop                  eclipse        install    Public
Documents                eclipse-workspace Music       Templates
[acadgild@localhost ~]$ touch test.txt
[acadgild@localhost ~]$ ls
ACD_BDDOF_Session_2_Code  Downloads      INPUT      Pictures  test.txt  Videos
Desktop                  eclipse        install    Public
Documents                eclipse-workspace Music       Templates
[acadgild@localhost ~]$
```

4. mkdir – This command is used to create directories in your file systems.



```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ mkdir RITESH  
You have new mail in /var/spool/mail/acadgild  
[acadgild@localhost ~]$ ls  
ACD_BDDOF_Session_2_Code  Downloads      INPUT  Pictures  Templates  
Desktop                  eclipse        install Public    test.txt  
Documents                eclipse-workspace Music    RITESH   Videos  
[acadgild@localhost ~]$
```

5. rm – This command is used to delete files/folders. When used recursively, it may be used to delete directories.



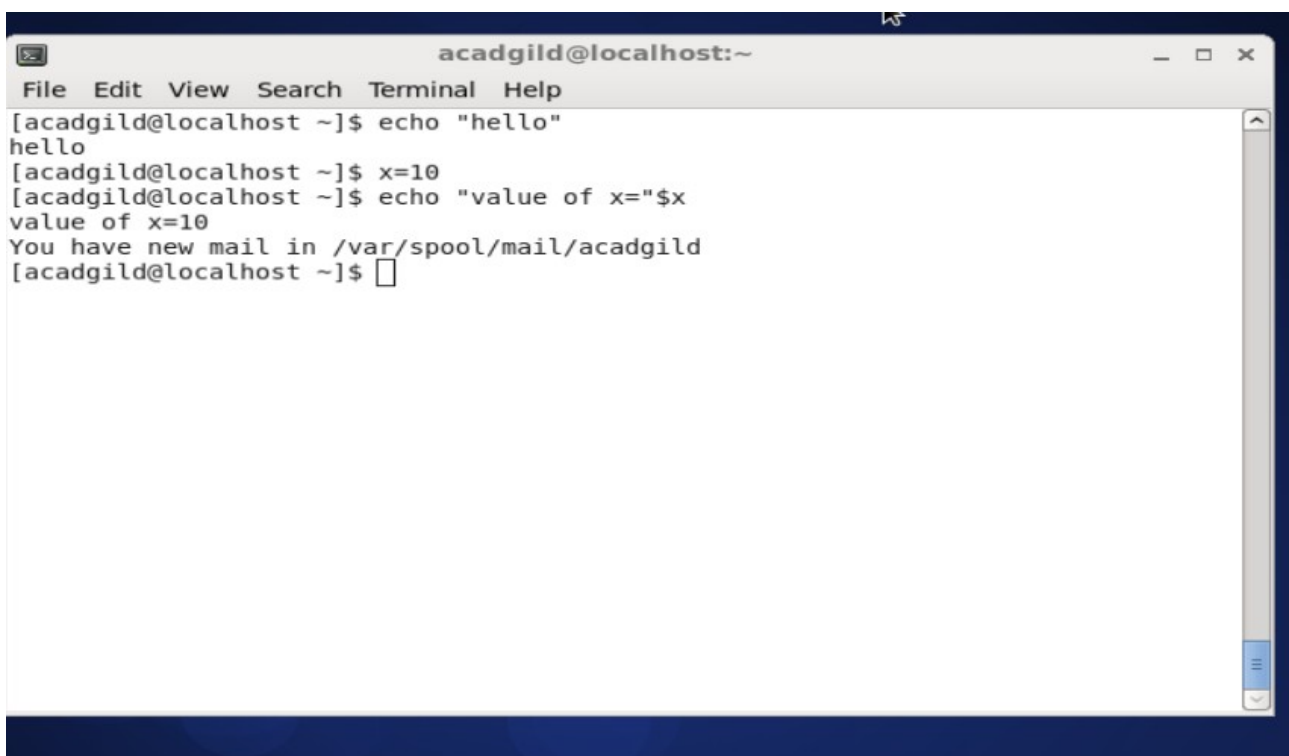
```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ ls  
ACD_BDDOF_Session_2_Code  Downloads      INPUT  Pictures  Templates  
Desktop                  eclipse        install Public    test.txt  
Documents                eclipse-workspace Music    RITESH   Videos  
[acadgild@localhost ~]$ rm test.txt  
[acadgild@localhost ~]$ ls  
ACD_BDDOF_Session_2_Code  Downloads      INPUT  Pictures  Templates  
Desktop                  eclipse        install Public    Videos  
Documents                eclipse-workspace Music    RITESH  
[acadgild@localhost ~]$
```

6. ls – This command is used to list the information about the files(In current directory by default).



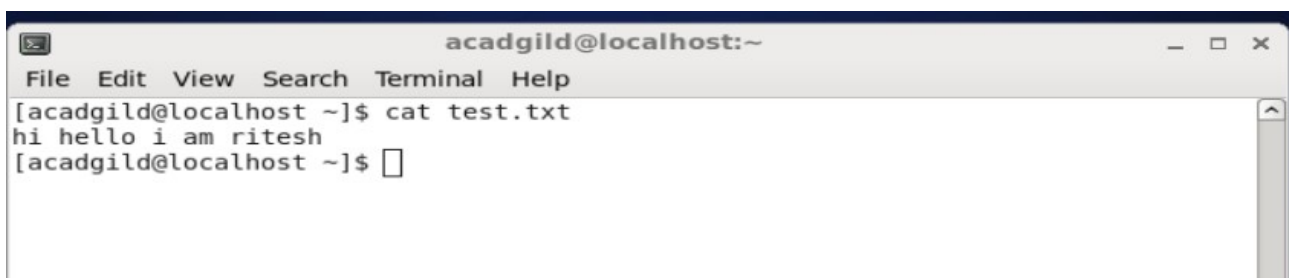
```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ ls  
ACD_BDDOF_Session_2_Code  Downloads      INPUT      Pictures  Templates  
Desktop                  eclipse        install    Public    Videos  
Documents                eclipse-workspace Music       RITESH  
[acadgild@localhost ~]$
```

7. echo – This command is used to display a line of text/string on standard output or a file. Also , to echo its value when variable is decalared.



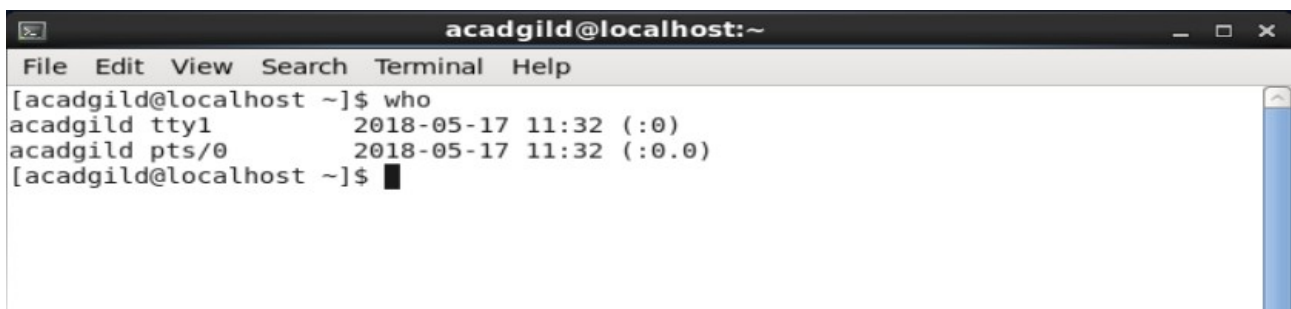
```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ echo "hello"  
hello  
[acadgild@localhost ~]$ x=10  
[acadgild@localhost ~]$ echo "value of x="$x  
value of x=10  
You have new mail in /var/spool/mail/acadgild  
[acadgild@localhost ~]$
```

8. cat – It stands for “catenate”. This command is used to read data from files and outputs their contents. It is the simplest way to display the contents of a file at the command line.



```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ cat test.txt  
hi hello i am ritesh  
[acadgild@localhost ~]$
```

9. who – This command prints information about all users who are



```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ who  
acadgild tty1      2018-05-17 11:32 (:0)  
acadgild pts/0    2018-05-17 11:32 (:0.0)  
[acadgild@localhost ~]$
```

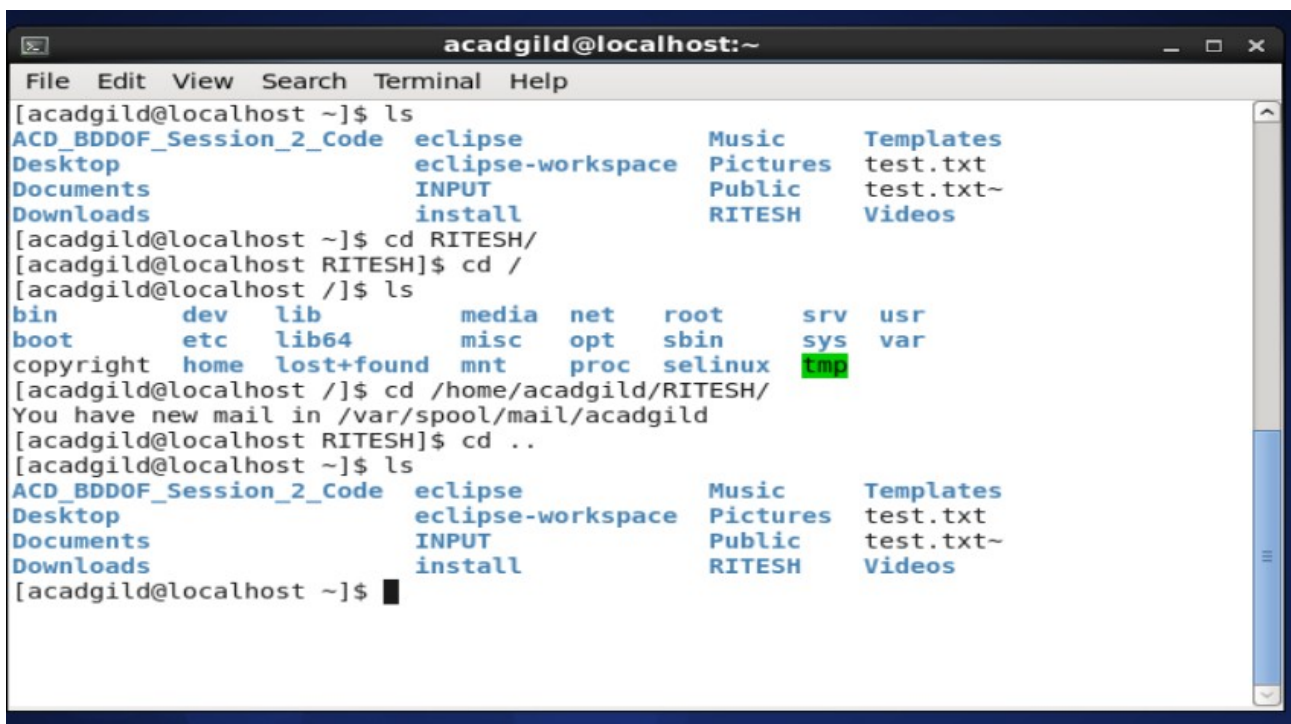
currently logged in.

10. cd – This command is used to change your working directory. It is used to move around within the hierarchy of your file system.

-> cd RITESH/ - used to move into a directory.

-> cd / - To move into root directory.

-> cd .. - To move one level up in hierarchy of directories.



```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ ls  
ACD_BDDOF_Session_2_Code  eclipse          Music          Templates  
Desktop                  eclipse-workspace Pictures        test.txt  
Documents                INPUT           Public         test.txt~  
Downloads                install         RITESH         Videos  
[acadgild@localhost ~]$ cd RITESH/  
[acadgild@localhost RITESH]$ cd /  
[acadgild@localhost /]$ ls  
bin      dev      lib      media    net      root     srv      usr  
boot     etc      lib64    misc     opt      sbin     sys      var  
copyright home    lost+found mnt      proc     selinux  tmp        
[acadgild@localhost /]$ cd /home/acadgild/RITESH/  
You have new mail in /var/spool/mail/acadgild  
[acadgild@localhost RITESH]$ cd ..  
[acadgild@localhost ~]$ ls  
ACD_BDDOF_Session_2_Code  eclipse          Music          Templates  
Desktop                  eclipse-workspace Pictures        test.txt  
Documents                INPUT           Public         test.txt~  
Downloads                install         RITESH         Videos  
[acadgild@localhost ~]$
```

11. date – This command is used to print out, or change the value of, the system's time and date information.

```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ date  
Thu May 17 11:48:11 IST 2018  
[acadgild@localhost ~]$  
[acadgild@localhost ~]$
```

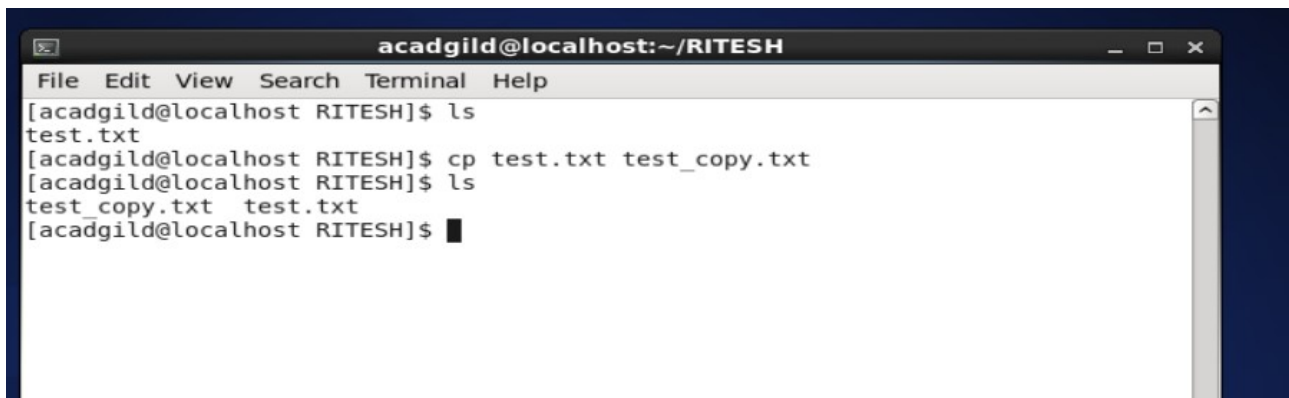
12 cal - This command displays a simple, formatted calendar in the terminal.

```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ cal  
    May 2018  
Su Mo Tu We Th Fr Sa  
      1  2  3  4  5  
 6  7  8  9 10 11 12  
13 14 15 16 17 18 19  
20 21 22 23 24 25 26  
27 28 29 30 31  
[acadgild@localhost ~]$
```

13. mv – This command is used to move, or rename files and directories in the filesystem.

```
acadgild@localhost:~/RITESH  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ ls  
ACD_BDDOF_Session_2_Code  Downloads      INPUT      Pictures  Templates  
Desktop                  eclipse        install    Public    test.txt  
Documents                eclipse-workspace Music       RITESH    Videos  
[acadgild@localhost ~]$ mv test.txt RITESH/  
[acadgild@localhost ~]$ ls  
ACD_BDDOF_Session_2_Code  Downloads      INPUT      Pictures  Templates  
Desktop                  eclipse        install    Public    Videos  
Documents                eclipse-workspace Music       RITESH  
[acadgild@localhost ~]$ cd RITESH/  
[acadgild@localhost RITESH]$ ls  
test.txt  
[acadgild@localhost RITESH]$
```

14. cp – This command is used to make copies of files and directories.



```
acadgild@localhost:~/RITESH
File Edit View Search Terminal Help
[acadgild@localhost RITESH]$ ls
test.txt
[acadgild@localhost RITESH]$ cp test.txt test_copy.txt
[acadgild@localhost RITESH]$ ls
test_copy.txt  test.txt
[acadgild@localhost RITESH]$
```

15. which - This command is used to locate the executable file associated with a given command.



```
acadgild@localhost:~/RITESH
File Edit View Search Terminal Help
[acadgild@localhost RITESH]$ which ls open grep
alias ls='ls --color=auto'
/bin/ls
/usr/bin/open
/bin/grep
[acadgild@localhost RITESH]$
```