

1. LS COMMAND:

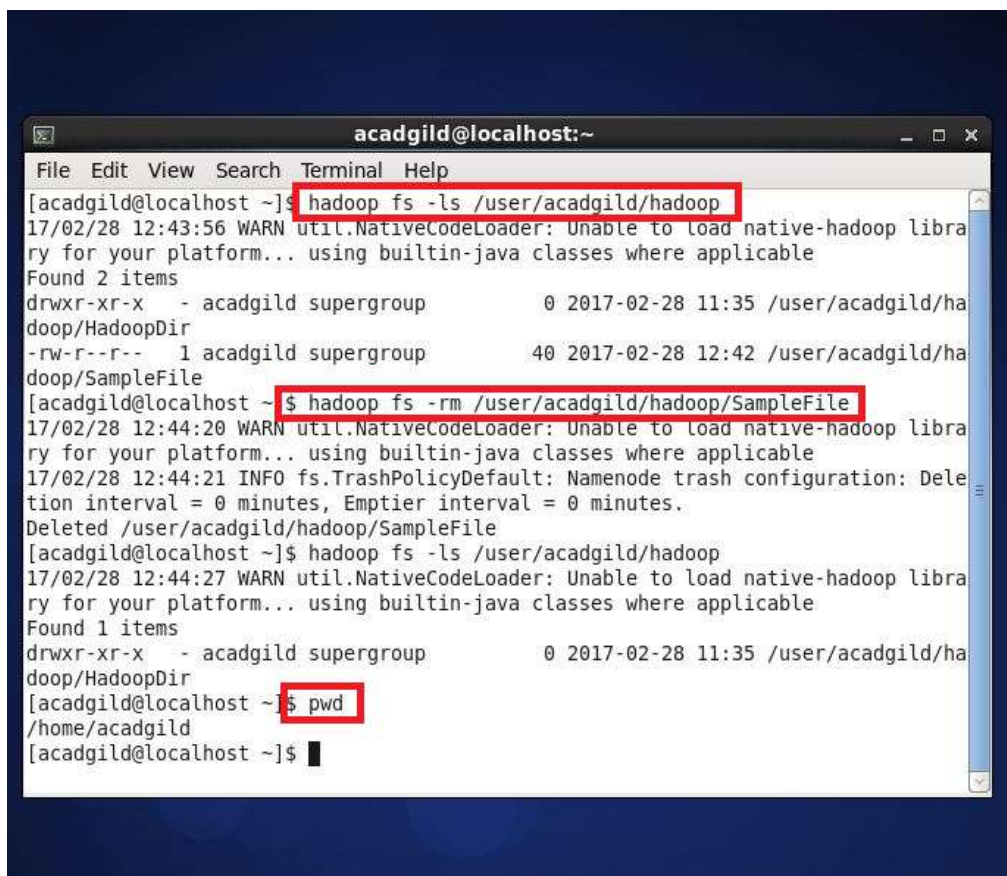
In computing, **ls** is a **command** to list files in Linux operating systems. When invoked without any arguments, **ls** lists the files in the current working directory.

2. RM COMMAND:

rm (short for remove) is a basic LINUX **command** used to remove objects such as files, directories, device nodes, symbolic links, and so on from the file system.

3. PWD COMMAND:

command 'pwd' prints the current working directory or simply the directory user is, at present. It prints the current directory name with the complete path starting from root (/). This **command** is built in shell **command**.



```
acadgild@localhost:~  
File Edit View Search Terminal Help  
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/hadoop  
17/02/28 12:43:56 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable  
Found 2 items  
drwxr-xr-x - acadgild supergroup          0 2017-02-28 11:35 /user/acadgild/hadoop/HadoopDir  
-rw-r--r-- 1 acadgild supergroup        40 2017-02-28 12:42 /user/acadgild/hadoop/SampleFile  
[acadgild@localhost ~]$ hadoop fs -rm /user/acadgild/hadoop/SampleFile  
17/02/28 12:44:20 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable  
17/02/28 12:44:21 INFO fs.TrashPolicyDefault: Namenode trash configuration: Deletion interval = 0 minutes, Empty interval = 0 minutes.  
Deleted /user/acadgild/hadoop/SampleFile  
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/hadoop  
17/02/28 12:44:27 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable  
Found 1 items  
drwxr-xr-x - acadgild supergroup          0 2017-02-28 11:35 /user/acadgild/hadoop/HadoopDir  
[acadgild@localhost ~]$ pwd  
/home/acadgild  
[acadgild@localhost ~]$
```

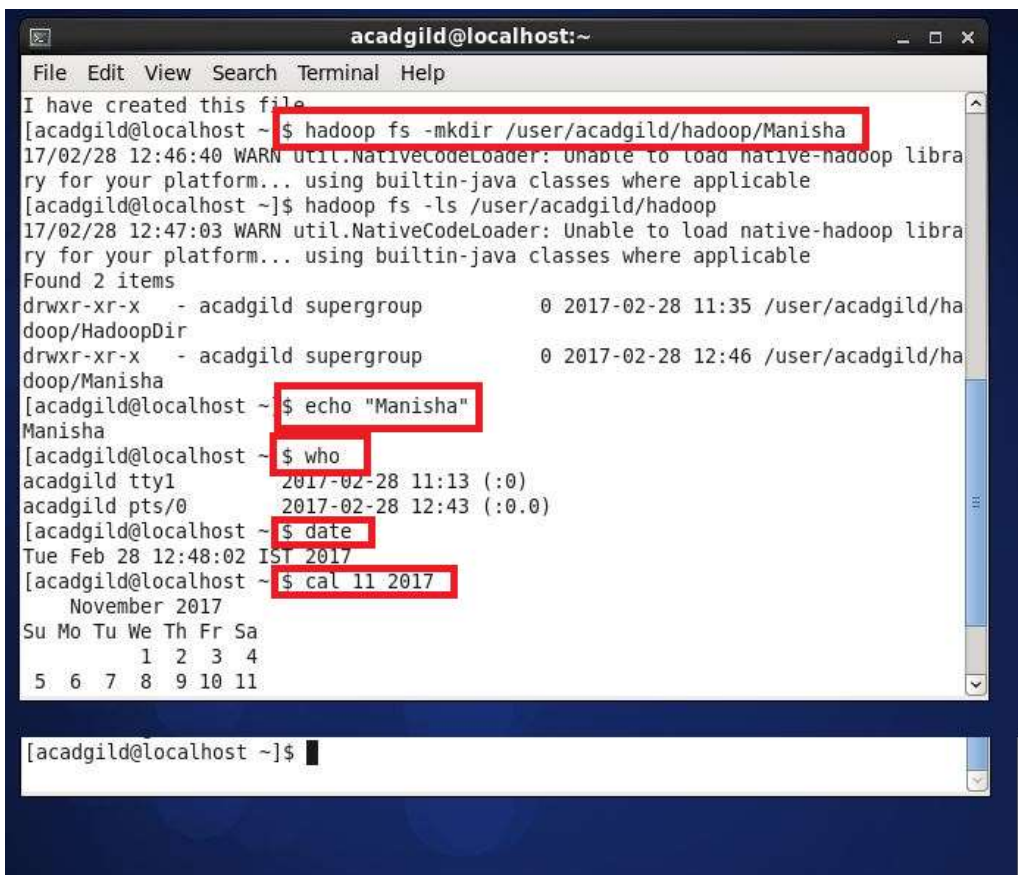
MKDIR COMMAND: The **mkdir** command is used to create new directories.

ECHO COMMAND: **echo** is a built-in **command** in the bash and C shells that writes its arguments to standard output.

WHO COMMAND: It prints information about all users who are currently logged in.

DATE COMMAND: The **date** command is used to print out, or change the value of, the system's time and date information.

CAL COMMAND: Cal command is used to display the calendar. In general, if no options are given, **cal** displays the current month at the **command** line.

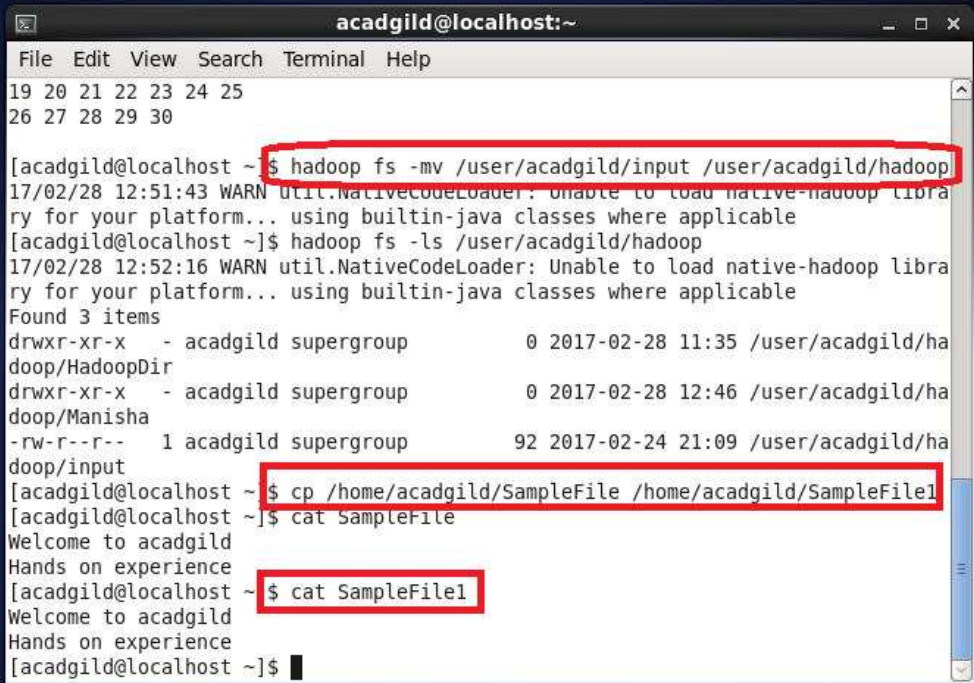
A screenshot of a terminal window titled 'acadgild@localhost:~'. The terminal shows a series of commands and their outputs. The commands 'mkdir', 'echo', 'who', 'date', and 'cal' are highlighted with red boxes. The output of 'ls' shows two directories: 'HadoopDir' and 'Manisha'. The output of 'who' shows two users: 'acadgild' and 'pts/0'. The output of 'date' shows the current date and time. The output of 'cal' shows the calendar for November 2017.

```
acadgild@localhost:~  
File Edit View Search Terminal Help  
I have created this file  
[acadgild@localhost ~]$ mkdir /user/acadgild/hadoop/Manisha  
17/02/28 12:46:40 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable  
[acadgild@localhost ~]$ ls /user/acadgild/hadoop  
17/02/28 12:47:03 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable  
Found 2 items  
drwxr-xr-x - acadgild supergroup          0 2017-02-28 11:35 /user/acadgild/hadoop/HadoopDir  
drwxr-xr-x - acadgild supergroup          0 2017-02-28 12:46 /user/acadgild/hadoop/Manisha  
[acadgild@localhost ~]$ echo "Manisha"  
Manisha  
[acadgild@localhost ~]$ who  
acadgild tty1          2017-02-28 11:13 (:0)  
acadgild pts/0        2017-02-28 12:43 (:0.0)  
[acadgild@localhost ~]$ date  
Tue Feb 28 12:48:02 IST 2017  
[acadgild@localhost ~]$ cal 11 2017  
November 2017  
Su Mo Tu We Th Fr Sa  
          1  2  3  4  
5  6  7  8  9 10 11  
[acadgild@localhost ~]$
```

MV COMMAND: `mv` command is used to move files and directories.

CP COMMAND: The `cp` command is used to make copies of files and directories.

CAT COMMAND: `cat` command allows us view the contents of a file.



The screenshot shows a terminal window titled 'acadgild@localhost:~'. The terminal output includes the following commands and their results:

```
[acadgild@localhost ~]$ hadoop fs -mv /user/acadgild/input /user/acadgild/hadoop
17/02/28 12:51:43 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/hadoop
17/02/28 12:52:16 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 3 items
drwxr-xr-x - acadgild supergroup          0 2017-02-28 11:35 /user/acadgild/hadoop/HadoopDir
drwxr-xr-x - acadgild supergroup          0 2017-02-28 12:46 /user/acadgild/hadoop/Manisha
-rw-r--r-- 1 acadgild supergroup        92 2017-02-24 21:09 /user/acadgild/hadoop/input
[acadgild@localhost ~]$ cp /home/acadgild/SampleFile /home/acadgild/SampleFile1
[acadgild@localhost ~]$ cat SampleFile
Welcome to acadgild
Hands on experience
[acadgild@localhost ~]$ cat SampleFile1
Welcome to acadgild
Hands on experience
[acadgild@localhost ~]$
```

Red boxes highlight the following commands in the terminal:

- `$ hadoop fs -mv /user/acadgild/input /user/acadgild/hadoop`
- `$ cp /home/acadgild/SampleFile /home/acadgild/SampleFile1`
- `$ cat SampleFile1`

WHICH COMMAND: It helps in getting the current version.

VI COMMAND: **vi** is an interactive text editor which is display-oriented: the screen of your terminal acts as a window into the file you are editing. Changes you make to the file are reflected in what you see. Using **vi** you can **insert** text anywhere in the file very easily.

TOUCH COMMAND: The **touch command** is the easiest way to create new, empty files.

```
File Edit View Search Terminal Help
[acadgild@localhost ~]$ which version
/usr/bin/which: no version in (/usr/local/hive/bin:/usr/local/hive/bin:/usr/lib64/qt-3.3/bin:/usr/local/bin:/usr/bin:/bin:/usr/local/sbin:/usr/sbin:/sbin:/usr/local/java/bin:/usr/local/hadoop-2.6.0/bin:/usr/local/flume/bin:/usr/local/pig/bin:/usr/local/hive/bin:/usr/local/hbase/bin:/usr/local/sqoop/bin:/usr/local/hadoop-2.6.0/sbin:/home/acadgild/bin:/usr/local/java/bin:/usr/local/hadoop-2.6.0/bin:/usr/local/flume/bin:/usr/local/pig/bin:/usr/local/hive/bin:/usr/local/hbase/bin:/usr/local/sqoop/bin:/usr/local/hadoop-2.6.0/sbin)
[acadgild@localhost ~]$ vi JustOneFile.txt
[acadgild@localhost ~]$ cat JustOneFile.txt
This is an example for VI command.
[acadgild@localhost ~]$ touch JustAnotherFile.txt
[acadgild@localhost ~]$ ls
Desktop          JustOneFile.txt  Public
Documents        Manisha          Sample
Downloads        max-temp.txt     Sample~
eclipse          max-temp.txt~   SampleFile
eclipse-jee-neon-M3-linux-gtk-x86_64.tar.gz  metastore_db    Templates
hadoop           Music            untitled folder
input            Pictures         Videos
input~          pig_local       workspace
JustAnotherFile.txt  _
pig_local~
```