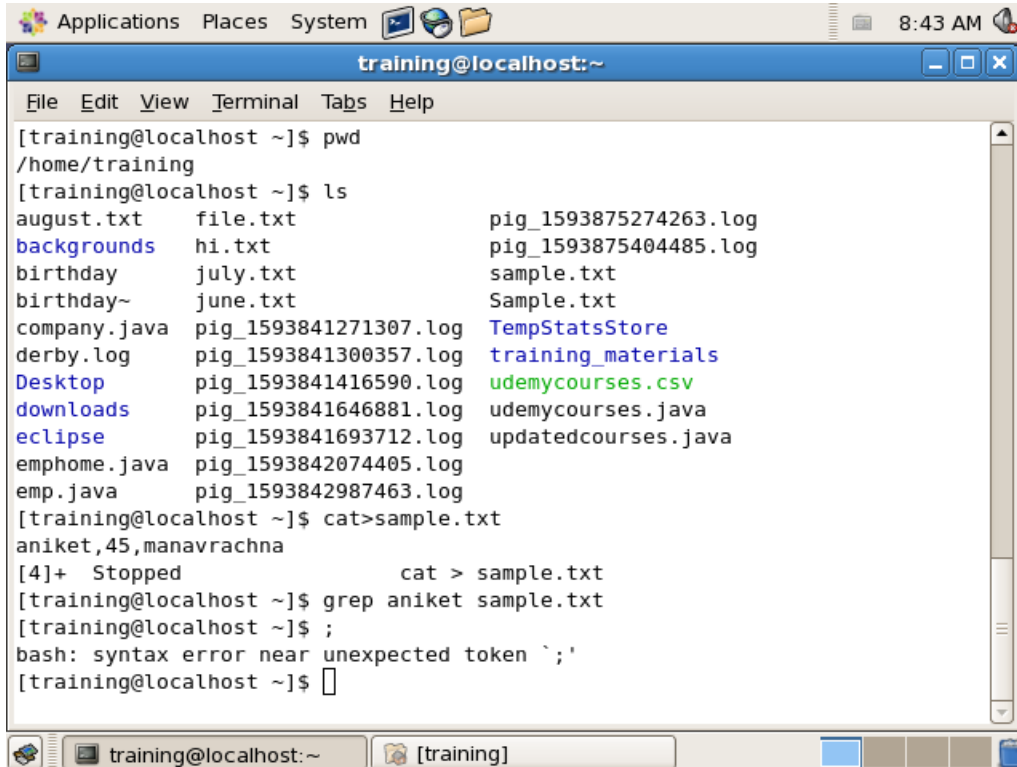


Linux Commands

pwd - present working directory

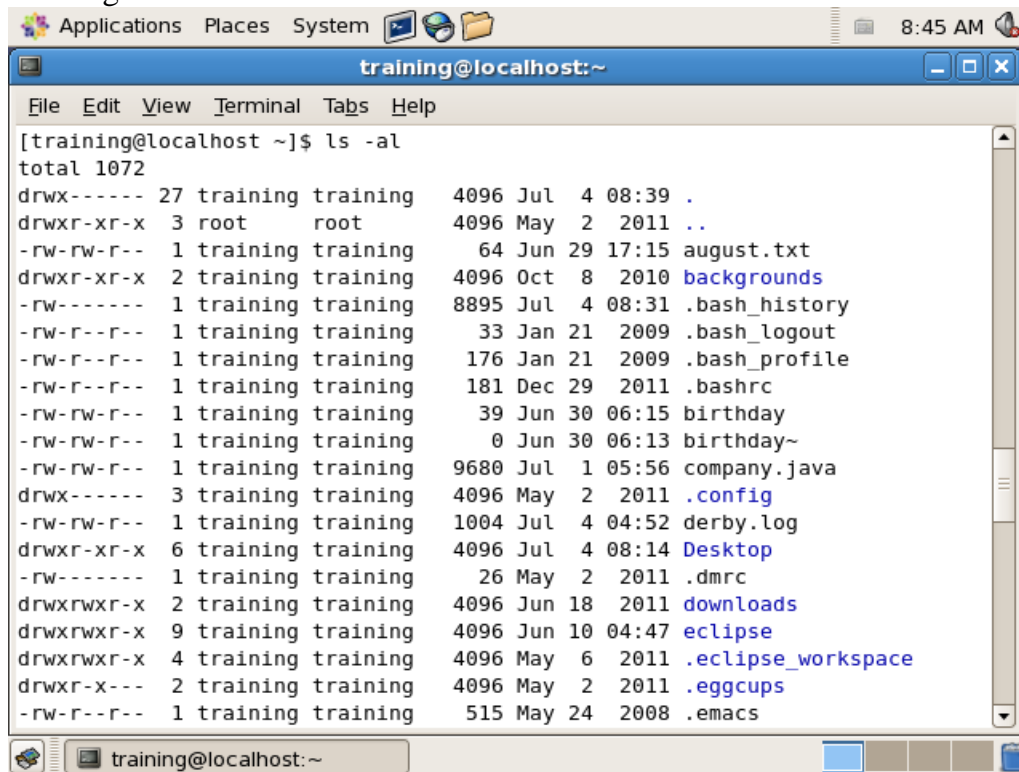
ls - list information about files and directories.

cat>filename - used to create single or multiple files, view contents of file, concatenate files.



```
[training@localhost ~]$ pwd
/home/training
[training@localhost ~]$ ls
august.txt      file.txt          pig_1593875274263.log
backgrounds     hi.txt            pig_1593875404485.log
birthday        july.txt          sample.txt
birthday~       june.txt          Sample.txt
company.java    pig_1593841271307.log TempStatsStore
derby.log       pig_1593841300357.log training_materials
Desktop         pig_1593841416590.log udemycourses.csv
downloads       pig_1593841646881.log udemycourses.java
eclipse         pig_1593841693712.log updatedcourses.java
emphome.java    pig_1593842074405.log
emp.java        pig_1593842987463.log
[training@localhost ~]$ cat>sample.txt
aniket,45,manavrachna
[4]+  Stopped                  cat > sample.txt
[training@localhost ~]$ grep aniket sample.txt
[training@localhost ~]$ ;
bash: syntax error near unexpected token `;'
[training@localhost ~]$
```

ls -al – gives detailed information of the files.

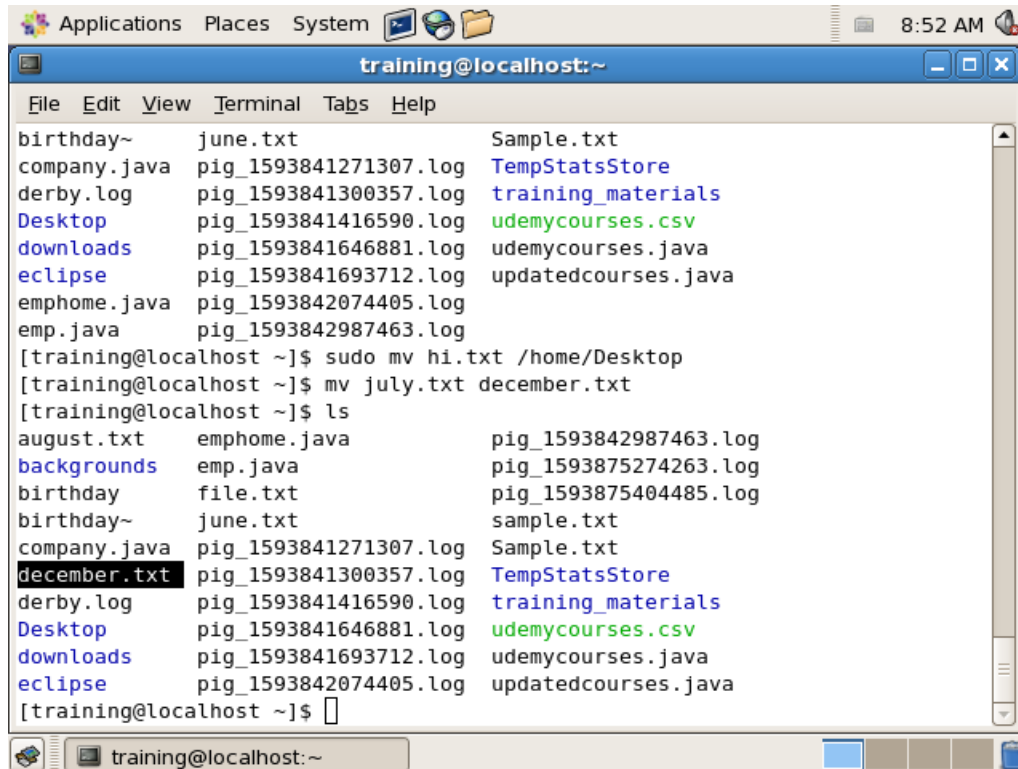


The screenshot shows a terminal window titled "training@localhost:~". The window has a menu bar with "File", "Edit", "View", "Terminal", "Tabs", and "Help". The terminal output shows the command "[training@localhost ~]\$ ls -al" and its result, listing files and directories with their permissions, owner, group, size, date, and time. The files listed are: ".", "..", "august.txt", "backgrounds", ".bash_history", ".bash_logout", ".bash_profile", ".bashrc", "birthday", "birthday~", "company.java", ".config", "derby.log", "Desktop", ".dmrc", "downloads", "eclipse", ".eclipse_workspace", ".egg cups", and ".emacs".

```
[training@localhost ~]$ ls -al
total 1072
drwx----- 27 training training 4096 Jul  4 08:39 .
drwxr-xr-x  3 root    root    4096 May  2 2011 ..
-rw-rw-r--  1 training training   64 Jun 29 17:15 august.txt
drwxr-xr-x  2 training training 4096 Oct  8 2010 backgrounds
-rw-----  1 training training 8895 Jul  4 08:31 .bash_history
-rw-r--r--  1 training training   33 Jan 21 2009 .bash_logout
-rw-r--r--  1 training training  176 Jan 21 2009 .bash_profile
-rw-r--r--  1 training training  181 Dec 29 2011 .bashrc
-rw-rw-r--  1 training training   39 Jun 30 06:15 birthday
-rw-rw-r--  1 training training    0 Jun 30 06:13 birthday~
-rw-rw-r--  1 training training 9680 Jul  1 05:56 company.java
drwx-----  3 training training 4096 May  2 2011 .config
-rw-rw-r--  1 training training 1004 Jul  4 04:52 derby.log
drwxr-xr-x  6 training training 4096 Jul  4 08:14 Desktop
-rw-----  1 training training   26 May  2 2011 .dmrc
drwxrwxr-x  2 training training 4096 Jun 18 2011 downloads
drwxrwxr-x  9 training training 4096 Jun 10 04:47 eclipse
drwxrwxr-x  4 training training 4096 May  6 2011 .eclipse_workspace
drwxr-x---  2 training training 4096 May  2 2011 .egg cups
-rw-r--r--  1 training training  515 May 24 2008 .emacs
```

sudo - to rename a file

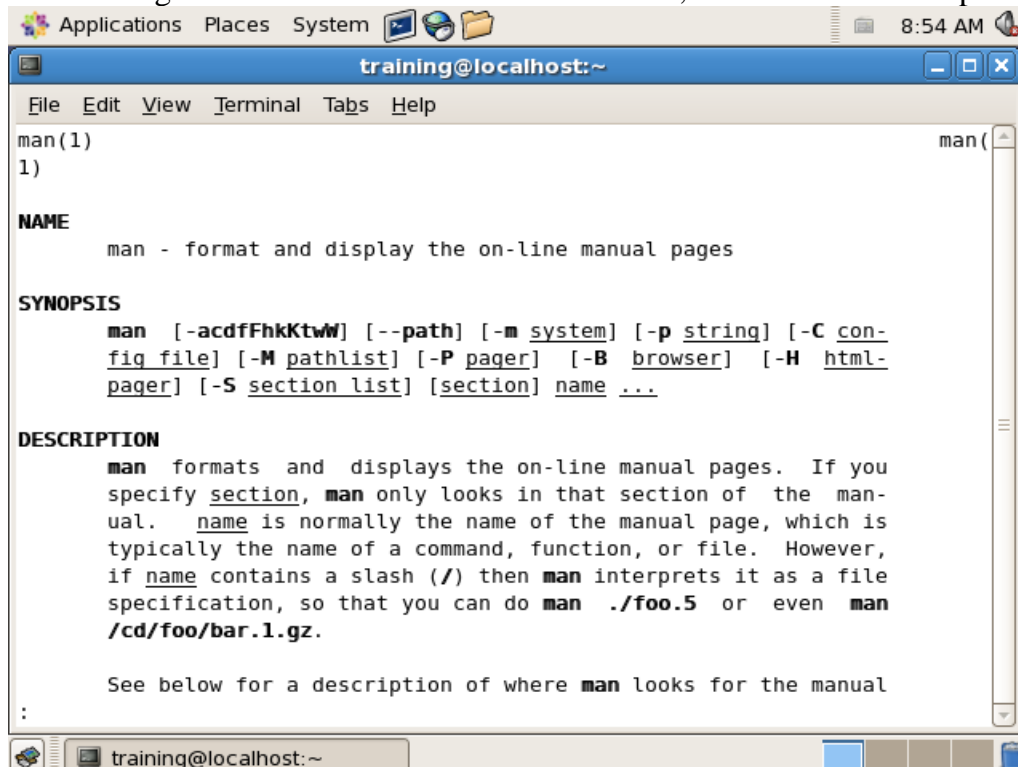
mv - to move a file



A terminal window titled 'training@localhost:~' showing a series of commands and their outputs. The window has a menu bar with 'File', 'Edit', 'View', 'Terminal', 'Tabs', and 'Help'. The terminal content is as follows:

```
birthday~      june.txt      Sample.txt
company.java   pig_1593841271307.log TempStatsStore
derby.log      pig_1593841300357.log training_materials
Desktop        pig_1593841416590.log udemycourses.csv
downloads      pig_1593841646881.log udemycourses.java
eclipse        pig_1593841693712.log updatedcourses.java
emphome.java   pig_1593842074405.log
emp.java       pig_1593842987463.log
[training@localhost ~]$ sudo mv hi.txt /home/Desktop
[training@localhost ~]$ mv july.txt december.txt
[training@localhost ~]$ ls
august.txt      emphome.java      pig_1593842987463.log
backgrounds     emp.java          pig_1593875274263.log
birthday        file.txt          pig_1593875404485.log
birthday~      june.txt          sample.txt
company.java    pig_1593841271307.log Sample.txt
december.txt    pig_1593841300357.log TempStatsStore
derby.log       pig_1593841416590.log training_materials
Desktop         pig_1593841646881.log udemycourses.csv
downloads       pig_1593841693712.log udemycourses.java
eclipse         pig_1593842074405.log updatedcourses.java
[training@localhost ~]$
```

man man - gives information about man command, man is a kind of help command.



A terminal window titled 'training@localhost:~' showing the output of the 'man man' command. The window has a menu bar with 'File', 'Edit', 'View', 'Terminal', 'Tabs', and 'Help'. The terminal content is as follows:

```
man(1)
1)

NAME
    man - format and display the on-line manual pages

SYNOPSIS
    man [-acdfFhkKtW] [--path] [-m system] [-p string] [-C config file] [-M pathlist] [-P pager] [-B browser] [-H html-pager] [-S section list] [section] name ...

DESCRIPTION
    man formats and displays the on-line manual pages. If you specify section, man only looks in that section of the manual. name is normally the name of the manual page, which is typically the name of a command, function, or file. However, if name contains a slash (/) then man interprets it as a file specification, so that you can do man ./foo.5 or even man /cd/foo/bar.1.gz.

    See below for a description of where man looks for the manual
:
```