



The image shows a terminal window titled "Terminal" with a dark background. The window has a title bar with standard Linux window controls (close, maximize, minimize) and system status icons on the right (language, battery, volume, time). The terminal content shows a user prompt "mathew@mathew-VirtualBox: ~" followed by a message about using "sudo" for administrative commands. Then, a shell script is executed: "echo 'Enter the mark'" followed by "read mark", which prompts the user to enter "10". Finally, "echo \$mark" is executed, displaying "10". A vertical dock on the left contains icons for various applications including a file manager, Firefox, a document editor, a spreadsheet, a presentation, a shopping cart, an Amazon logo, and a terminal icon.

```
Terminal
mathew@mathew-VirtualBox: ~
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.


mathew@mathew-VirtualBox:~$ echo "Enter the mark"
Enter the mark
mathew@mathew-VirtualBox:~$ read mark
10
mathew@mathew-VirtualBox:~$ echo $mark
10
mathew@mathew-VirtualBox:~$
```



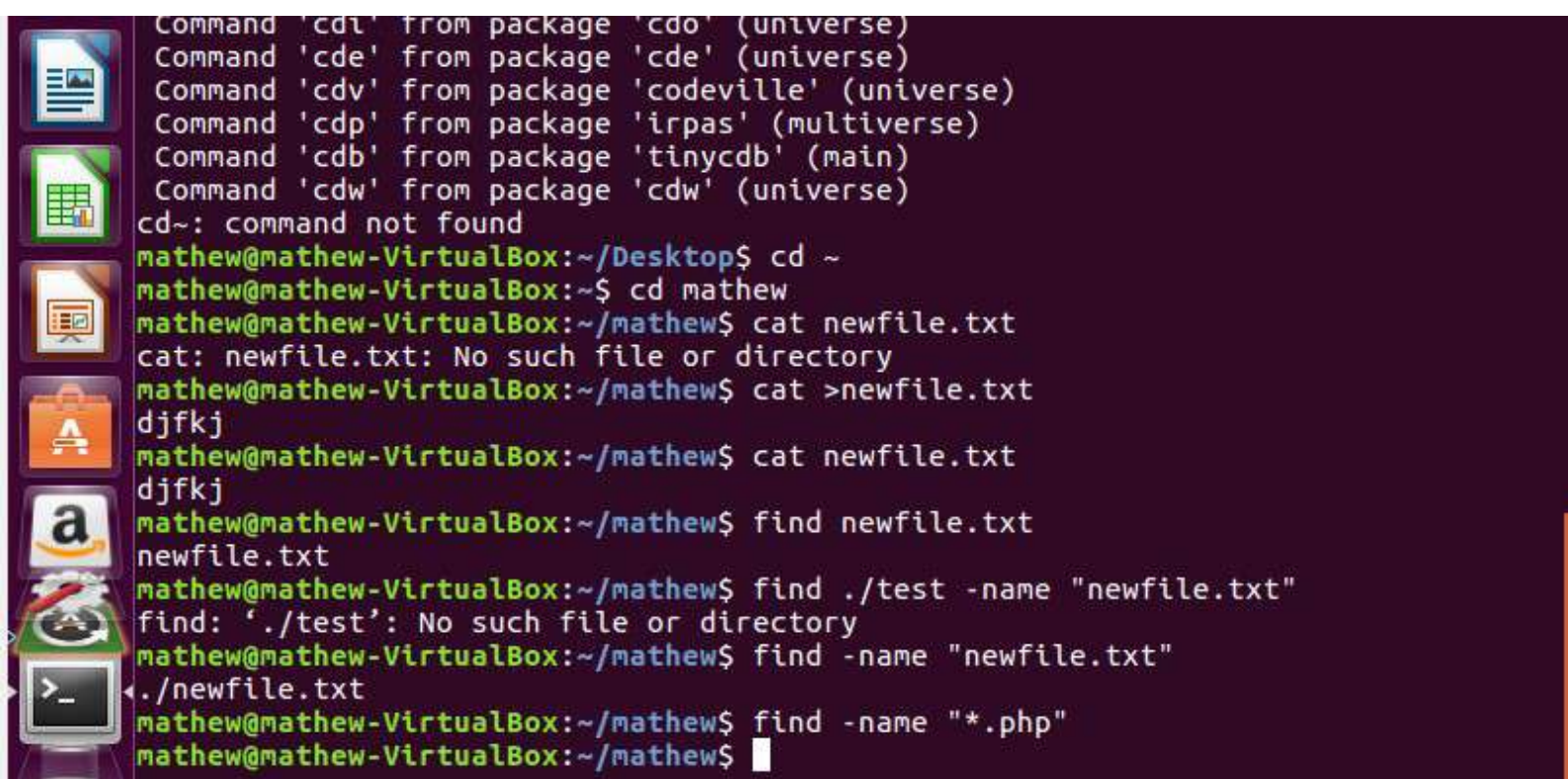
```
Mathew@Mathew-VirtualBox:~$ man ls
mkdir mathew
mkdir mathew
mkdir: cannot create directory 'mathew': File exists
Mathew@Mathew-VirtualBox:~$ mkdir mathew
mkdir: cannot create directory 'mathew': File exists
Mathew@Mathew-VirtualBox:~$ mkdir indtmca
Mathew@Mathew-VirtualBox:~$ ls
Desktop      Downloads    indtmca      Music        Pictures     Templates
Documents    examples.desktop  mathew       new.txt      Public       Videos
Mathew@Mathew-VirtualBox:~$ cd indtmca
Mathew@Mathew-VirtualBox:~/indtmca$ cd ..
Mathew@Mathew-VirtualBox:~$
```



```
mathew@mathew-VirtualBox:~/mathew$ find -name "*.php"
mathew@mathew-VirtualBox:~/mathew$ mv newfile.txt mathew.txt
mathew@mathew-VirtualBox:~/mathew$ ls
mathew  mathew.txt
mathew@mathew-VirtualBox:~/mathew$ mkdir mathew1
mathew@mathew-VirtualBox:~/mathew$ cp mathew.txt mathew1
mathew@mathew-VirtualBox:~/mathew$ cp mathew1
cp: missing destination file operand after 'mathew1'
Try 'cp --help' for more information.
mathew@mathew-VirtualBox:~/mathew$ cd mathew1
mathew@mathew-VirtualBox:~/mathew/mathew1$ ls
mathew.txt
mathew@mathew-VirtualBox:~/mathew/mathew1$
```



```
mathew@mathew-VirtualBox:~/mathew$ wc mathew.txt
1 1 6 mathew.txt
mathew@mathew-VirtualBox:~/mathew$ cut c4 mathew.txt
cut: you must specify a list of bytes, characters, or fields
Try 'cut --help' for more information.
mathew@mathew-VirtualBox:~/mathew$ cut -c4 mathew.txt
k
mathew@mathew-VirtualBox:~/mathew$
```



```
Command 'cdt' from package 'cdo' (universe)
Command 'cde' from package 'cde' (universe)
Command 'cdv' from package 'codeville' (universe)
Command 'cdp' from package 'irpas' (multiverse)
Command 'cdb' from package 'tinycdb' (main)
Command 'cdw' from package 'cdw' (universe)
cd~: command not found
```

```
mathew@mathew-VirtualBox:~/Desktop$ cd ~
```

```
mathew@mathew-VirtualBox:~$ cd mathew
```

```
mathew@mathew-VirtualBox:~/mathew$ cat newfile.txt
```

```
cat: newfile.txt: No such file or directory
```

```
mathew@mathew-VirtualBox:~/mathew$ cat >newfile.txt
```

```
djfkj
```

```
mathew@mathew-VirtualBox:~/mathew$ cat newfile.txt
```

```
djfkj
```

```
mathew@mathew-VirtualBox:~/mathew$ find newfile.txt
```

```
newfile.txt
```

```
mathew@mathew-VirtualBox:~/mathew$ find ./test -name "newfile.txt"
```


```
find: './test': No such file or directory
```

```
mathew@mathew-VirtualBox:~/mathew$ find -name "newfile.txt"
```

```
./newfile.txt
```

```
mathew@mathew-VirtualBox:~/mathew$ find -name "*.php"
```

```
mathew@mathew-VirtualBox:~/mathew$
```

```
mathew@mathew-VirtualBox:~/mathew$ cat >mathew2.txt
sjljsdlfkjl
sdflklskj^Z
[4]+  Stopped                  cat > mathew2.txt
mathew@mathew-VirtualBox:~/mathew$ paste mathew.txt mathew2.txt
djfkj    sjljsdlfkjl
          sdflklskj
mathew@mathew-VirtualBox:~/mathew$ head mathew2.txt
sjljsdlfkjl
sdflklskjmathew@mathew-VirtualBox:~/mathew$
```



```
mathew@mathew-VirtualBox:~/Desktop$ ls -la
.          .config      .gconf      Music      Videos
..         Desktop    .gnupg      new.txt    .Xauthority
.bash_history .dmrc        .ICEauthority Pictures    .xsession-errors
.bash_logout Documents    indtmca     .profile
.bashrc      Downloads   .local      Public
.cache       examples.desktop mathew      Templates

mathew@mathew-VirtualBox:~/Desktop$ ls
Desktop  Downloads  indtmca  Music  Pictures  Templates
Documents examples.desktop mathew  new.txt  Public  Videos

mathew@mathew-VirtualBox:~/Desktop$ ls -ld
.

mathew@mathew-VirtualBox:~/Desktop$ cd mathew
mathew@mathew-VirtualBox:~/mathew$ ls -ld
.

mathew@mathew-VirtualBox:~/mathew$ cd ..
mathew@mathew-VirtualBox:~/Desktop$ ls -ld
No command 'ls-d' found, did you mean:
  Command 'lsmd' from package 'libstoragemgmt' (universe)
  Command 'lshd' from package 'lsh-server' (universe)
ls-d: command not found

mathew@mathew-VirtualBox:~/Desktop$ ls -ld
.

mathew@mathew-VirtualBox:~/Desktop$ cd mathew
mathew@mathew-VirtualBox:~/mathew$ mkdir mathew
mathew@mathew-VirtualBox:~/mathew$ pwd
/home/mathew/mathew
mathew@mathew-VirtualBox:~/mathew$ cd ..
mathew@mathew-VirtualBox:~/Desktop$ ls -ld
.

mathew@mathew-VirtualBox:~/Desktop$ ls -lt
mathew  new.txt  Documents  Music  Public  Videos
```



```
mathew@mathew-VirtualBox: ~
LS(1) User Commands LS(1)

NAME
    ls - list directory contents

SYNOPSIS
    ls [OPTION]... [FILE]...

DESCRIPTION
    List information about the FILES (the current directory by default).
    Sort entries alphabetically if none of -cftuvSUX nor --sort is speci-
    fied.

    Mandatory arguments to long options are mandatory for short options
    too.

    -a, --all
        do not ignore entries starting with .

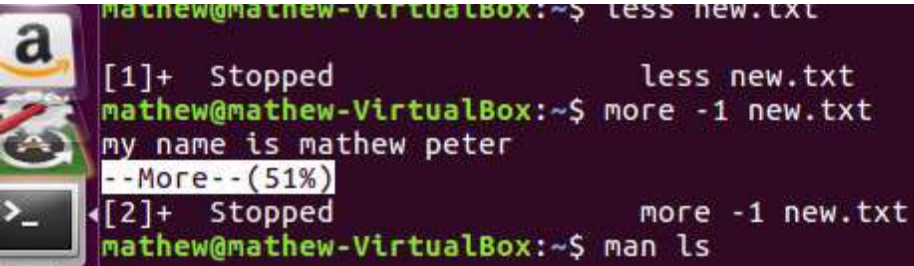
    -A, --almost-all
        do not list implied . and ..

    --author
        with -l, print the author of each file

    -b, --escape
        print C-style escapes for nongraphic characters

    --block-size=SIZE
        scale sizes by SIZE before printing them; e.g., '--block-size=M'
        prints sizes in units of 1,048,576 bytes; see SIZE format below

Manual page ls(1) line 1 (press h for help or q to quit)
```

A terminal window is shown with a dark purple background. On the left side, there is a vertical bar containing several icons: the Amazon logo, a terminal icon, a file explorer icon, and a desktop monitor icon. The terminal text is as follows:

```
Mathew@Mathew-VirtualBox:~$ less new.txt
[1]+  Stopped                  less new.txt
Mathew@Mathew-VirtualBox:~$ more -1 new.txt
my name is mathew peter
--More-- (51%)
[2]+  Stopped                  more -1 new.txt
Mathew@Mathew-VirtualBox:~$ man ls
```

mathew@mathew-VirtualBox: ~

↑↓ En 🔊 🔌 4:08 PM ⚙️

my name is mathew peter

I am studing in Intmca

mathew@mathew-VirtualBox:~\$ more new.txt

my name is mathew peter

I am studing in Intmca

mathew@mathew-VirtualBox:~\$ more -2 new.txt

my name is mathew peter

I am studing in Intmca

mathew@mathew-VirtualBox:~\$ more -1 new.txt

my name is mathew peter

I am studing in Intmca

mathew@mathew-VirtualBox:~\$ less new.txt

[1]+ Stopped less new.txt

mathew@mathew-VirtualBox:~\$ more -1 new.txt

my name is mathew peter

--More--(51%)

[2]+ Stopped more -1 new.txt

mathew@mathew-VirtualBox:~\$ man ls

mkdir mathew

mkdir mathew

mkdir: cannot create directory 'mathew': File exists

mathew@mathew-VirtualBox:~\$ mkdir mathew

mkdir: cannot create directory 'mathew': File exists

mathew@mathew-VirtualBox:~\$ mkdir indtmca

mathew@mathew-VirtualBox:~\$ ls

Desktop Downloads indtmca Music Pictures Templates

Documents examples.desktop mathew new.txt Public Videos

mathew@mathew-VirtualBox:~\$ cd indtmca

mathew@mathew-VirtualBox:~/indtmca\$ cd ..

mathew@mathew-VirtualBox:~\$ pwd

/home/mathew

mathew@mathew-VirtualBox:~\$

```
mathew@mathew-VirtualBox:~$ more -1 new.txt
```

```
my name is mathew peter
```

```
I am studing in Intmca
```

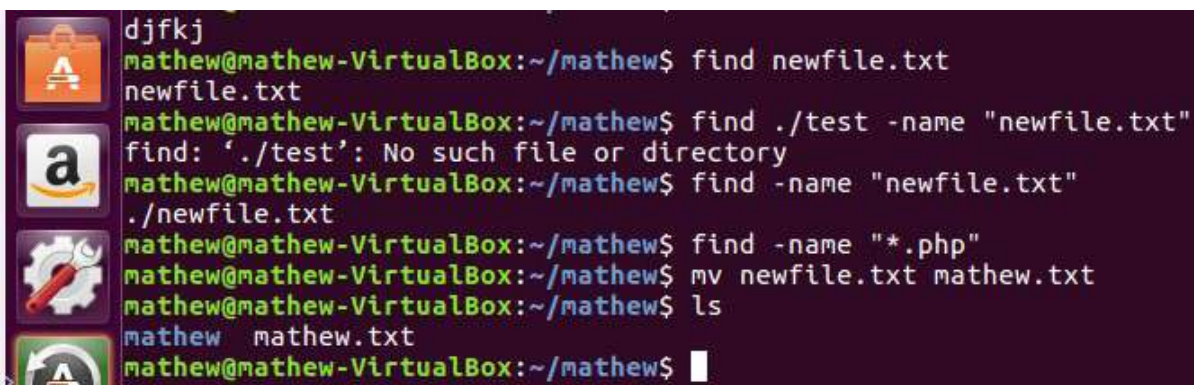
```
mathew@mathew-VirtualBox:~$ less new.txt
```

```
[1]+  Stopped less new.txt
```

```
mathew@mathew-VirtualBox:~$ more -1 new.txt
```


```
my name is mathew peter
```

```
--More-- (51%)
```




Terminal window showing a series of commands and their outputs. The window has a dark purple background and a sidebar on the left with icons for various applications: a person, a shopping bag, the Amazon logo, a gear with a wrench, and a circular arrow.


```
djfkj
mathew@mathew-VirtualBox:~/mathew$ find newfile.txt
newfile.txt
mathew@mathew-VirtualBox:~/mathew$ find ./test -name "newfile.txt"
find: './test': No such file or directory
mathew@mathew-VirtualBox:~/mathew$ find -name "newfile.txt"
./newfile.txt
mathew@mathew-VirtualBox:~/mathew$ find -name "*.php"
mathew@mathew-VirtualBox:~/mathew$ mv newfile.txt mathew.txt
mathew@mathew-VirtualBox:~/mathew$ ls
mathew  mathew.txt
mathew@mathew-VirtualBox:~/mathew$
```


```
cut: you must specify a list of bytes, characters, or fields
Try 'cut --help' for more information.
mathew@mathew-VirtualBox:~/mathew$ cut -c4 mathew.txt
k
mathew@mathew-VirtualBox:~/mathew$ paste mathew.txt
djfkj
mathew@mathew-VirtualBox:~/mathew$ cat >mathew2.txt
sjljsdlfkjl
sdfklkskj^Z
[4]+  Stopped                  cat > mathew2.txt
mathew@mathew-VirtualBox:~/mathew$ paste mathew.txt mathew2.txt
djfkj    sjljsdlfkjl
        sdfklkskj
mathew@mathew-VirtualBox:~/mathew$
```



```
mathew@mathew-VirtualBox:~/mathew$ rm mathew1
rm: cannot remove 'mathew1': Is a directory
mathew@mathew-VirtualBox:~/mathew$ cd mathew2
bash: cd: mathew2: No such file or directory
mathew@mathew-VirtualBox:~/mathew$ cd mathew1
mathew@mathew-VirtualBox:~/mathew/mathew1$ rm newfile.txt
rm: cannot remove 'newfile.txt': No such file or directory
mathew@mathew-VirtualBox:~/mathew/mathew1$ rm mathew.txt
mathew@mathew-VirtualBox:~/mathew/mathew1$ ls
mathew@mathew-VirtualBox:~/mathew/mathew1$
```




```
mathew@mathew-VirtualBox:~/mathew$ cd mathew2
bash: cd: mathew2: No such file or directory
mathew@mathew-VirtualBox:~/mathew$ cd mathew1
mathew@mathew-VirtualBox:~/mathew/mathew1$ rm newfile.txt
rm: cannot remove 'newfile.txt': No such file or directory
mathew@mathew-VirtualBox:~/mathew/mathew1$ rm mathew.txt
mathew@mathew-VirtualBox:~/mathew/mathew1$ ls
mathew@mathew-VirtualBox:~/mathew/mathew1$ cd ..
mathew@mathew-VirtualBox:~/mathew$ rmdir mathew1
mathew@mathew-VirtualBox:~/mathew$ ls
mathew  mathew.txt
mathew@mathew-VirtualBox:~/mathew$
```



```

>_
mathew@mathew-VirtualBox:~/mathew$ tail mathew2.txt
sjljsdlfkjl
sdfklksjmathew@mathew-VirtualBox:~/mathew$


```



```

>_
mathew@mathew-VirtualBox:~/mathew$ tail mathew2.txt
sjljsdlfkjl
sdfklksjmathew@mathew-VirtualBox:~/mathew$

```

```
mathew@mathew-VirtualBox: ~/mathew/mathew1$ ls
mathew@mathew-VirtualBox:~/mathew/mathew1$ cd ..
mathew@mathew-VirtualBox:~/mathew$ rmdir mathew1
mathew@mathew-VirtualBox:~/mathew$ ls
mathew  mathew.txt
mathew@mathew-VirtualBox:~/mathew$ wc mathew.txt
1 1 6 mathew.txt
mathew@mathew-VirtualBox:~/mathew$
```