

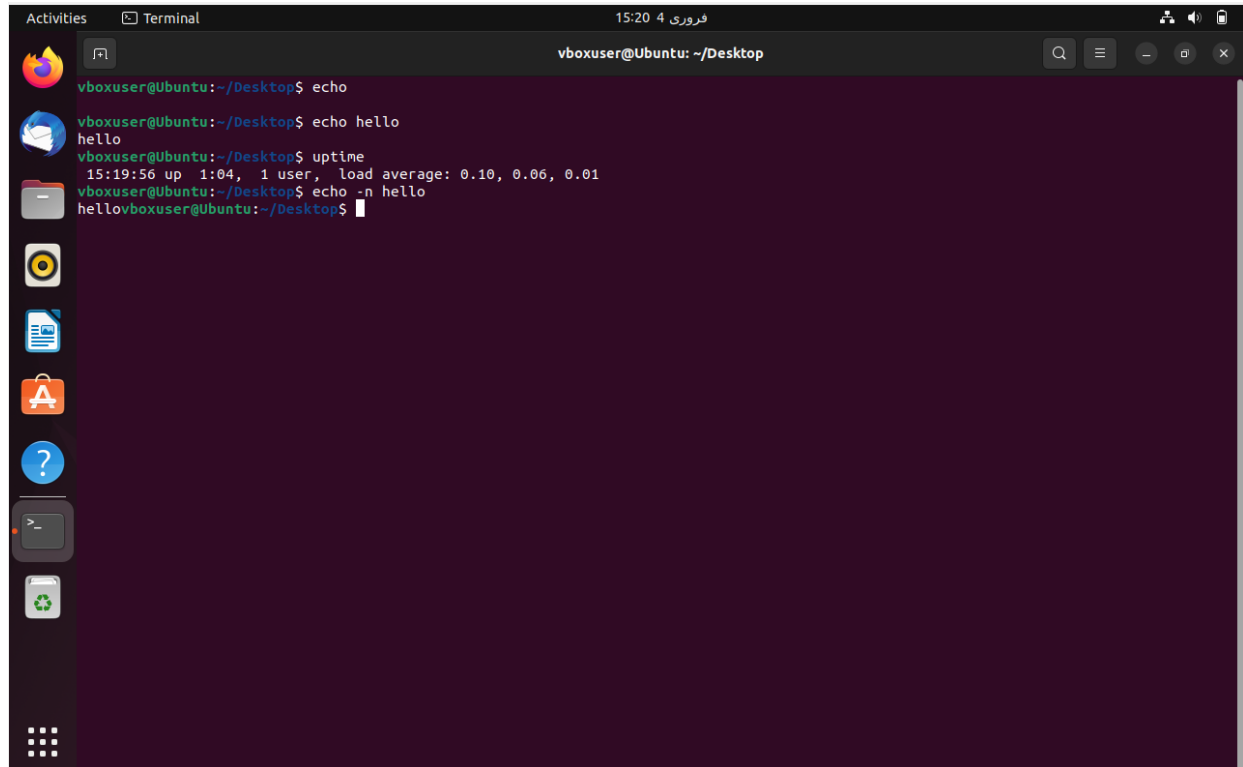
Basic Linux Commands

echo

uptime

echo hello

echo -n hello



The screenshot shows a terminal window titled "Terminal" with the user "vboxuser@Ubuntu: ~/Desktop". The terminal output is as follows:

```
vboxuser@Ubuntu:~/Desktop$ echo
vboxuser@Ubuntu:~/Desktop$ echo hello
hello
vboxuser@Ubuntu:~/Desktop$ uptime
15:19:56 up 1:04, 1 user, load average: 0.10, 0.06, 0.01
vboxuser@Ubuntu:~/Desktop$ echo -n hello
hellovboxuser@Ubuntu:~/Desktop$
```

pwd

ls

mkdir Asia

```
Activities Terminal 15:28 4 فروری
vboxuser@Ubuntu: ~/Desktop/Micheal

vboxuser@Ubuntu:~/Desktop$ pwd
/home/vboxuser/Desktop
vboxuser@Ubuntu:~/Desktop$ ls
file.cc  obj
vboxuser@Ubuntu:~/Desktop$ cd home
bash: cd: home: No such file or directory
vboxuser@Ubuntu:~/Desktop$ mkdir Micheal
vboxuser@Ubuntu:~/Desktop$ cd Micheal
vboxuser@Ubuntu:~/Desktop/Micheal$ mkdir Asia
vboxuser@Ubuntu:~/Desktop/Micheal$
```

mkdir America Europe Africa

cd India

```
Activities Terminal 15:32 4 فروری
vboxuser@Ubuntu: ~/Desktop/Micheal/Asia/India

vboxuser@Ubuntu:~/Desktop$ pwd
/home/vboxuser/Desktop
vboxuser@Ubuntu:~/Desktop$ ls
file.cc  obj
vboxuser@Ubuntu:~/Desktop$ cd home
bash: cd: home: No such file or directory
vboxuser@Ubuntu:~/Desktop$ mkdir Micheal
vboxuser@Ubuntu:~/Desktop$ cd Micheal
vboxuser@Ubuntu:~/Desktop/Micheal$ mkdir Asia
vboxuser@Ubuntu:~/Desktop/Micheal$ mkdir Europe Africa America
vboxuser@Ubuntu:~/Desktop/Micheal$ ls
Africa  America  Asia  Europe
vboxuser@Ubuntu:~/Desktop/Micheal$ cd Asia
vboxuser@Ubuntu:~/Desktop/Micheal/Asia$ mkdir China India
vboxuser@Ubuntu:~/Desktop/Micheal/Asia$ cd India
vboxuser@Ubuntu:~/Desktop/Micheal/Asia/India$ mkdir Mumbai
vboxuser@Ubuntu:~/Desktop/Micheal/Asia/India$
```

ls

ls -itr

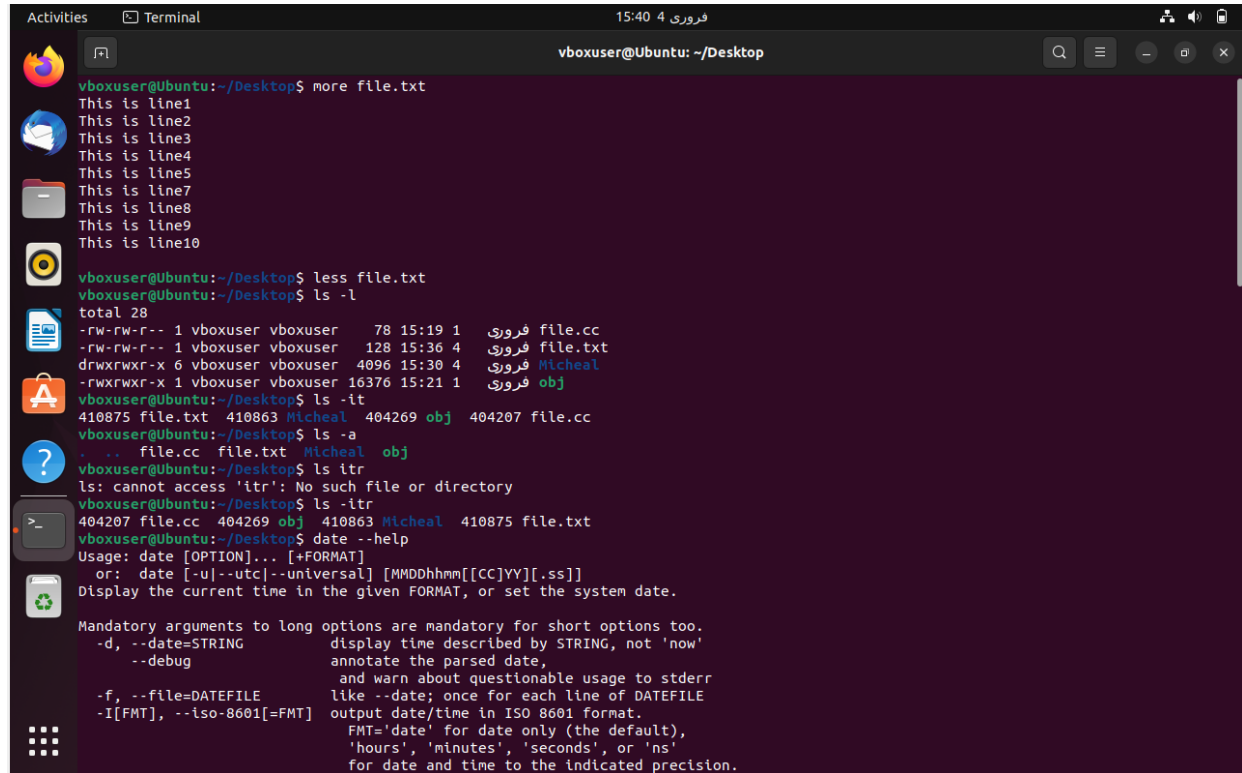
ls -l

echo hello

touch file.txt

more file.txt

less file.txt



```
Activities  Terminal  15:40 4 فروری
vboxuser@Ubuntu: ~/Desktop

vboxuser@Ubuntu:~/Desktop$ more file.txt
This is line1
This is line2
This is line3
This is line4
This is line5
This is line7
This is line8
This is line9
This is line10

vboxuser@Ubuntu:~/Desktop$ less file.txt
vboxuser@Ubuntu:~/Desktop$ ls -l
total 28
-rw-rw-r-- 1 vboxuser vboxuser   78 15:19 1 فروری file.cc
-rw-rw-r-- 1 vboxuser vboxuser  128 15:36 4 فروری file.txt
drwxrwxr-x 6 vboxuser vboxuser 4096 15:30 4 فروری Micheal
-rwxrwxr-x 1 vboxuser vboxuser 16376 15:21 1 فروری obj
vboxuser@Ubuntu:~/Desktop$ ls -lt
410875 file.txt 410863 Micheal 404269 obj 404207 file.cc
vboxuser@Ubuntu:~/Desktop$ ls -la
.  ..  file.cc  file.txt  Micheal  obj
vboxuser@Ubuntu:~/Desktop$ ls ltr
ls: cannot access 'ltr': No such file or directory
vboxuser@Ubuntu:~/Desktop$ ls -ltr
404207 file.cc 404269 obj 410863 Micheal 410875 file.txt
vboxuser@Ubuntu:~/Desktop$ date --help
Usage: date [OPTION]... [+FORMAT]
or: date [-u|--utc|--universal] [MMDDhhmm[[CC]YY][.ss]]
Display the current time in the given FORMAT, or set the system date.

Mandatory arguments to long options are mandatory for short options too.
-d, --date=STRING      display time described by STRING, not 'now'
--debug               annotate the parsed date,
                        and warn about questionable usage to stderr
-f, --file=DATEFILE    like --date; once for each line of DATEFILE
-I[FMT], --iso-8601[=FMT] output date/time in ISO 8601 format.
                        FMT='date' for date only (the default),
                        'hours', 'minutes', 'seconds', or 'ns'
                        for date and time to the indicated precision.
```

id

who

last

```
Activities Terminal 15:46 4 فروری
vboxuser@Ubuntu: ~/Desktop

vboxuser@Ubuntu:~/Desktop$ id
uid=1000(vboxuser) gid=1000(vboxuser) groups=1000(vboxuser),27(sudo)
vboxuser@Ubuntu:~/Desktop$ who
vboxuser tty2 2024-02-04 14:17 (tty2)
vboxuser@Ubuntu:~/Desktop$ bob
Command 'bob' not found, did you mean:
  command 'mob' from snap mob-sh (4.2.0)
  command 'bos' from deb openafs-client (1.8.8.1-3ubuntu2-22.04.2)
  command 'wob' from deb wob (0.12-1)
  command 'bb' from deb bb (1.3rc1-12)
See 'snap info <snapname>' for additional versions.
vboxuser@Ubuntu:~/Desktop$ last
vboxuser tty2 tty2 Sun Feb 4 14:17 still logged in
reboot system boot 6.2.0-26-generic Sun Feb 4 14:12 still running
vboxuser tty2 tty2 Thu Feb 1 13:22 - crash (3+00:49)
vboxuser tty2 tty2 Thu Feb 1 13:16 - 13:22 (00:05)
reboot system boot 6.2.0-26-generic Thu Feb 1 13:15 still running
vboxuser tty2 tty2 Thu Jan 25 16:01 - crash (6+21:14)
reboot system boot 6.2.0-26-generic Thu Jan 25 15:29 still running

wtmp begins Thu Jan 25 15:29:21 2024
vboxuser@Ubuntu:~/Desktop$
```

sudo

chmod 777 file.txt

chmod 555 file.txt

chmod 660 file.txt

chmod 750 file.txt

```
Activities Terminal 15:50 4 فروری
vboxuser@Ubuntu: ~/Desktop

vboxuser@Ubuntu:~/Desktop$ chmod 700 file.txt
vboxuser@Ubuntu:~/Desktop$ chmod 750 file.txt
vboxuser@Ubuntu:~/Desktop$ ls
file.cc file.txt Micheal obj
vboxuser@Ubuntu:~/Desktop$ ls -l
total 28
-rw-rw-r-- 1 vboxuser vboxuser 78 15:19 1 فروری file.cc
-rwxr-x--- 1 vboxuser vboxuser 128 15:36 4 فروری file.txt
drwxrwxr-x 6 vboxuser vboxuser 4096 15:30 4 فروری Micheal
-rwxrwxr-x 1 vboxuser vboxuser 16376 15:21 1 فروری obj
vboxuser@Ubuntu:~/Desktop$ chmod 660 file.txt
vboxuser@Ubuntu:~/Desktop$ ls -l
total 28
-rw-rw-r-- 1 vboxuser vboxuser 78 15:19 1 فروری file.cc
-rw-rw---- 1 vboxuser vboxuser 128 15:36 4 فروری file.txt
drwxrwxr-x 6 vboxuser vboxuser 4096 15:30 4 فروری Micheal
-rwxrwxr-x 1 vboxuser vboxuser 16376 15:21 1 فروری obj
vboxuser@Ubuntu:~/Desktop$
```

