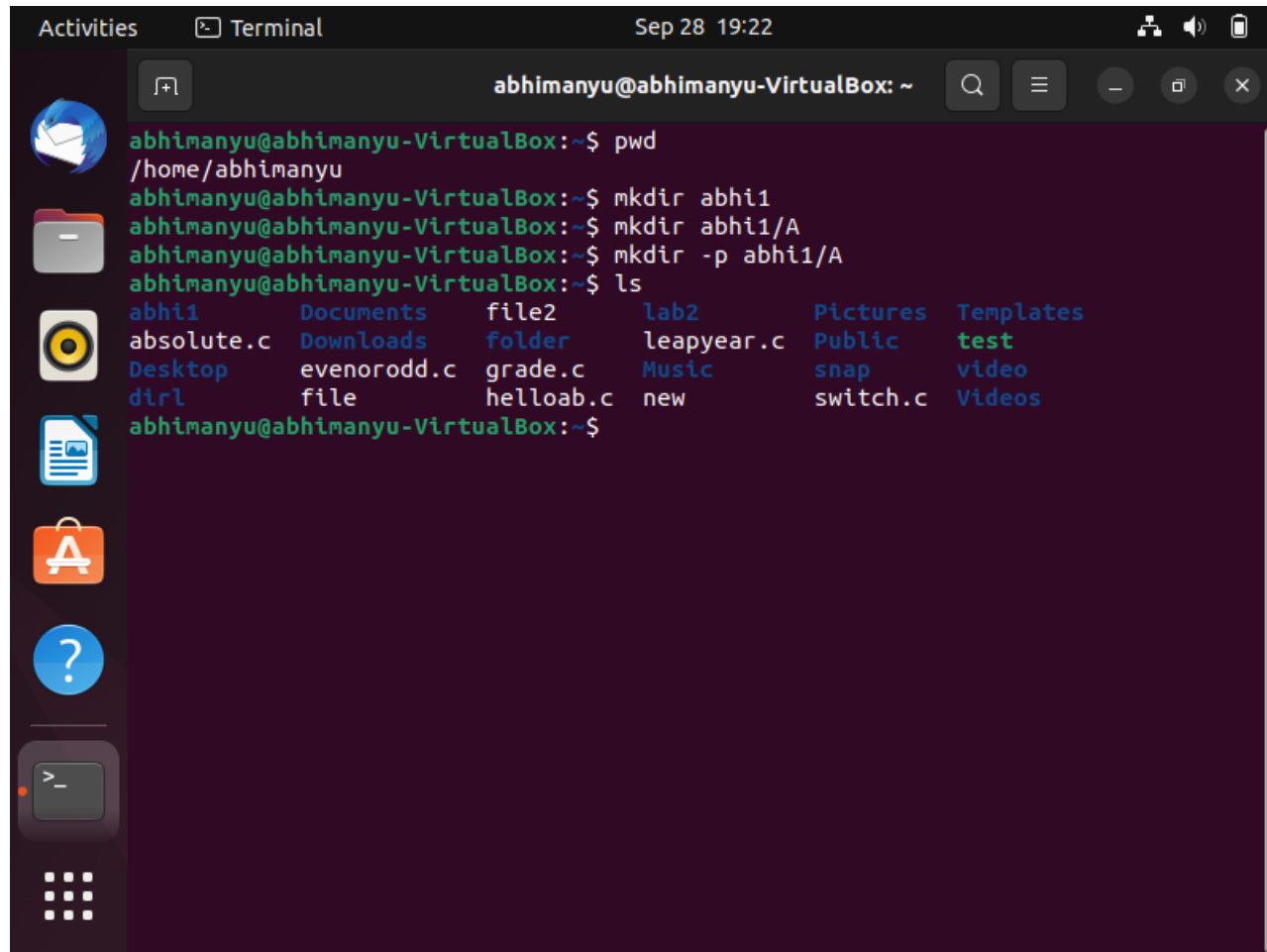


Assignment no 1

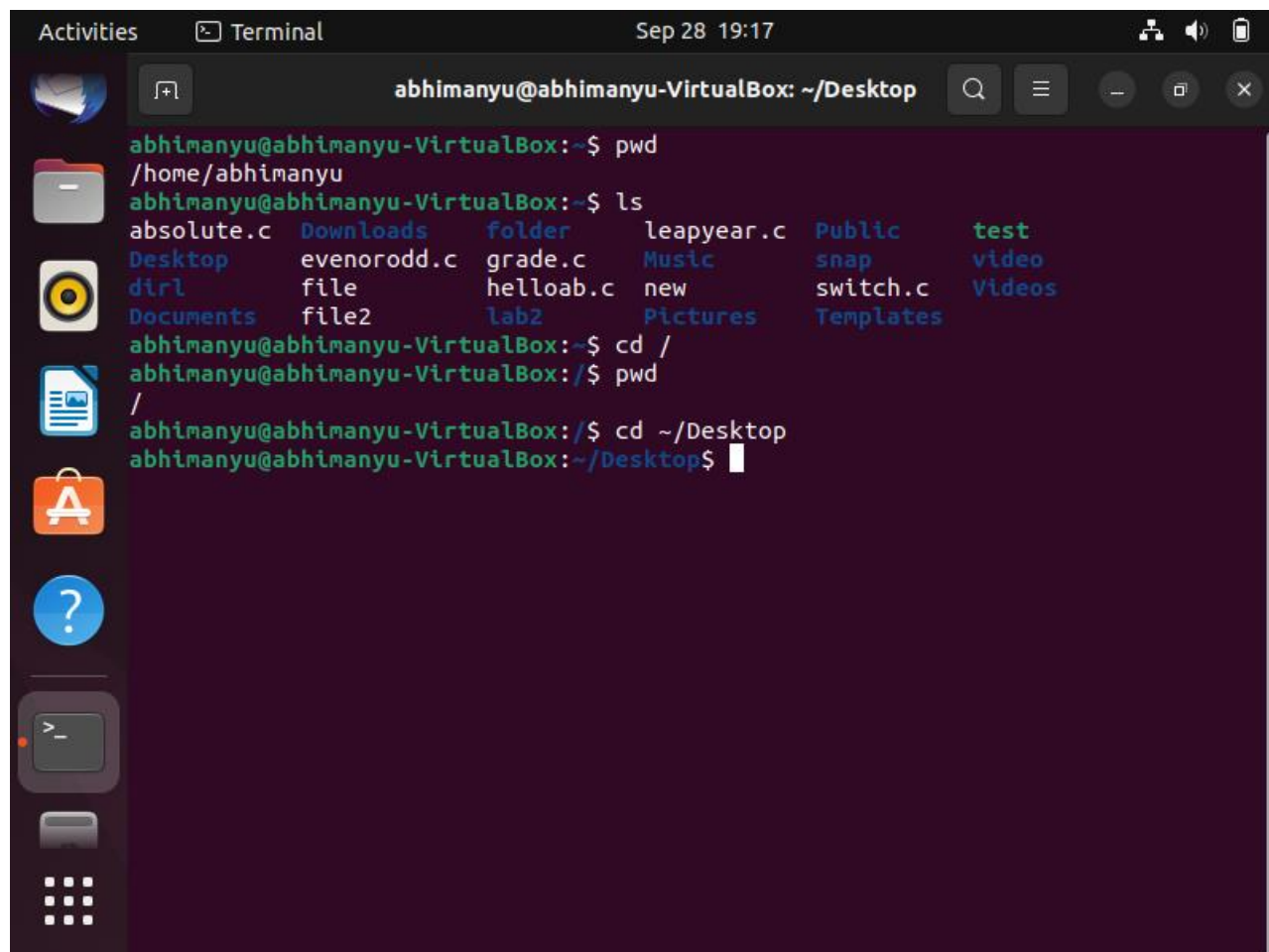
1)mkdir



A terminal window titled 'abhimanyu@abhimanyu-VirtualBox: ~' with a search bar and window controls. The terminal shows the following commands and output:

```
abhimanyu@abhimanyu-VirtualBox:~$ pwd
/home/abhimanyu
abhimanyu@abhimanyu-VirtualBox:~$ mkdir abhi1
abhimanyu@abhimanyu-VirtualBox:~$ mkdir abhi1/A
abhimanyu@abhimanyu-VirtualBox:~$ mkdir -p abhi1/A
abhimanyu@abhimanyu-VirtualBox:~$ ls
abhi1      Documents  file2      lab2       Pictures  Templates
absolute.c Downloads  folder     leapyear.c Public    test
Desktop    evenorodd.c grade.c    Music      snap     video
dirl       file       helloab.c  new        switch.c Videos
abhimanyu@abhimanyu-VirtualBox:~$
```

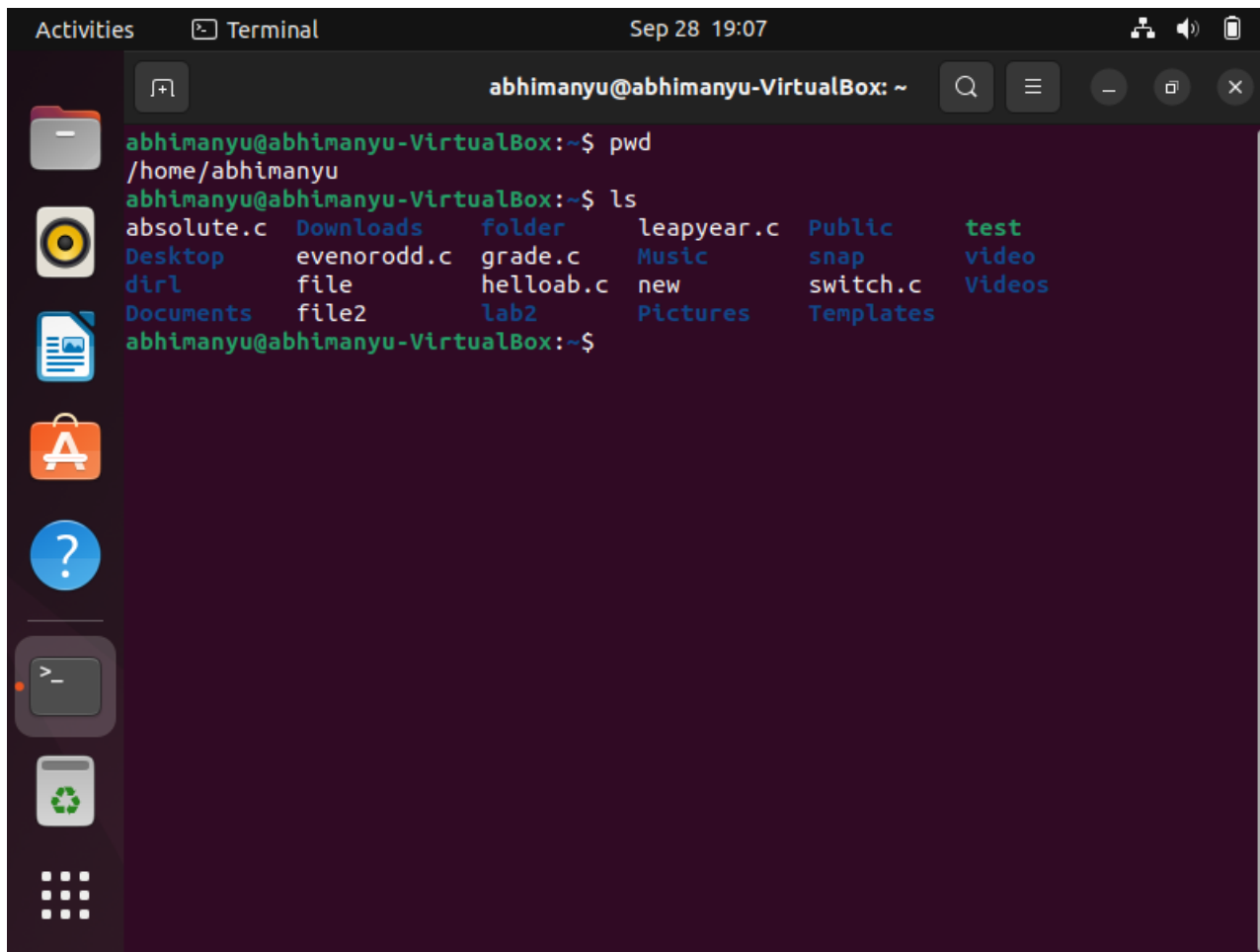
Cd



A terminal window titled 'abhimanyu@abhimanyu-VirtualBox: ~/Desktop' with a search bar and window controls. The terminal shows the following commands and output:

```
abhimanyu@abhimanyu-VirtualBox:~$ pwd
/home/abhimanyu
abhimanyu@abhimanyu-VirtualBox:~$ ls
absolute.c  Downloads  folder     leapyear.c  Public    test
Desktop     evenorodd.c grade.c    Music      snap     video
dirl        file       helloab.c  new        switch.c  Videos
Documents   file2      lab2       Pictures    Templates
abhimanyu@abhimanyu-VirtualBox:~$ cd /
abhimanyu@abhimanyu-VirtualBox:/$ pwd
/
abhimanyu@abhimanyu-VirtualBox:/$ cd ~/Desktop
abhimanyu@abhimanyu-VirtualBox:~/Desktop$
```

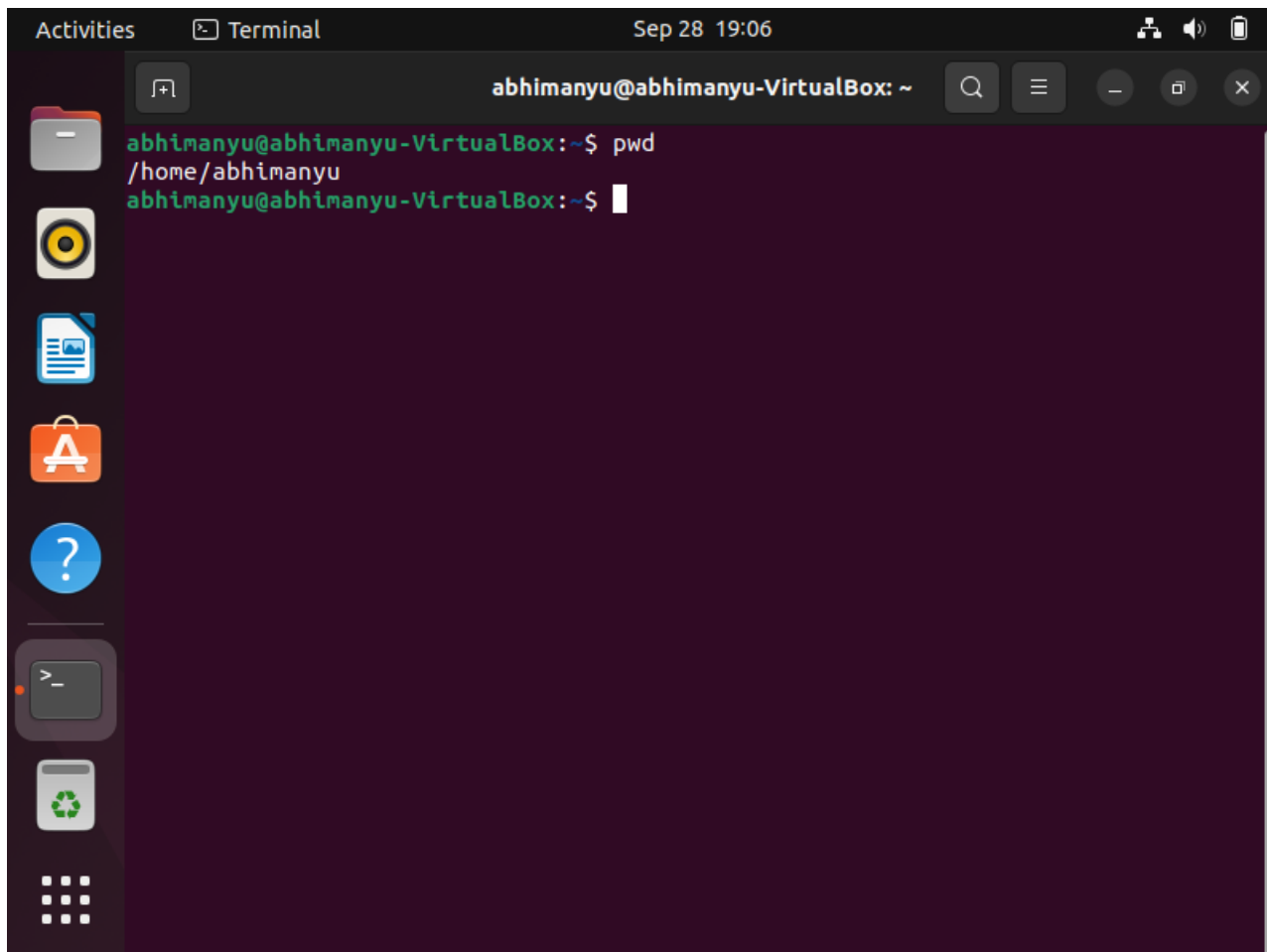
Ls



A terminal window titled "abhimanyu@abhimanyu-VirtualBox: ~" with a search bar and window controls. The terminal shows the output of the 'ls' command, listing files and directories in the home directory. The output is as follows:

```
abhimanyu@abhimanyu-VirtualBox:~$ pwd
/home/abhimanyu
abhimanyu@abhimanyu-VirtualBox:~$ ls
absolute.c  Downloads  folder      leapyear.c  Public     test
Desktop     evenorodd.c grade.c      Music        snap       video
dirl        file       helloab.c   new          switch.c   Videos
Documents   file2      lab2        Pictures     Templates
```

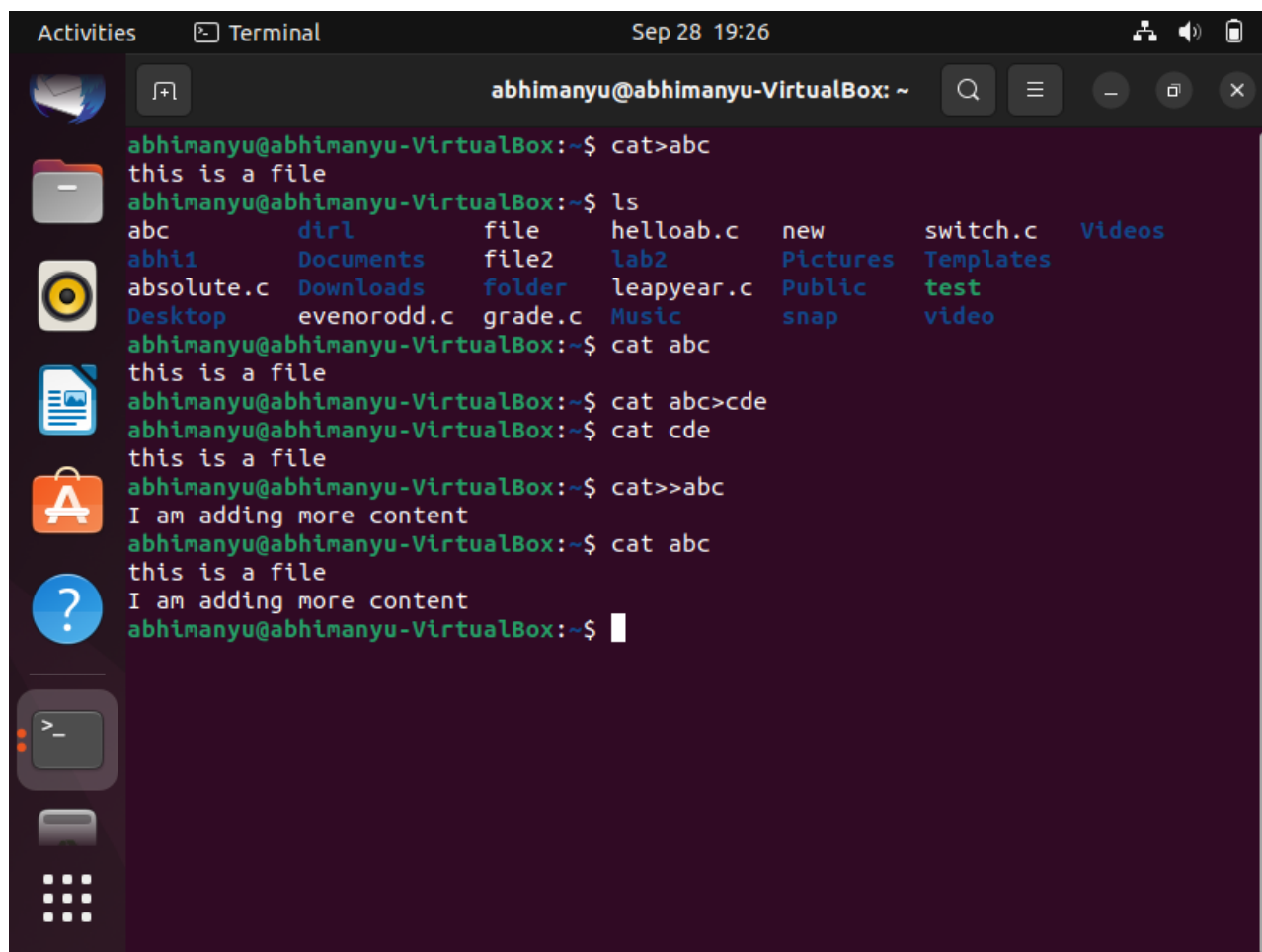
Pwd



A terminal window titled "abhimanyu@abhimanyu-VirtualBox: ~" with a search bar and window controls. The terminal shows the output of the 'pwd' command, which is the current working directory: /home/abhimanyu.

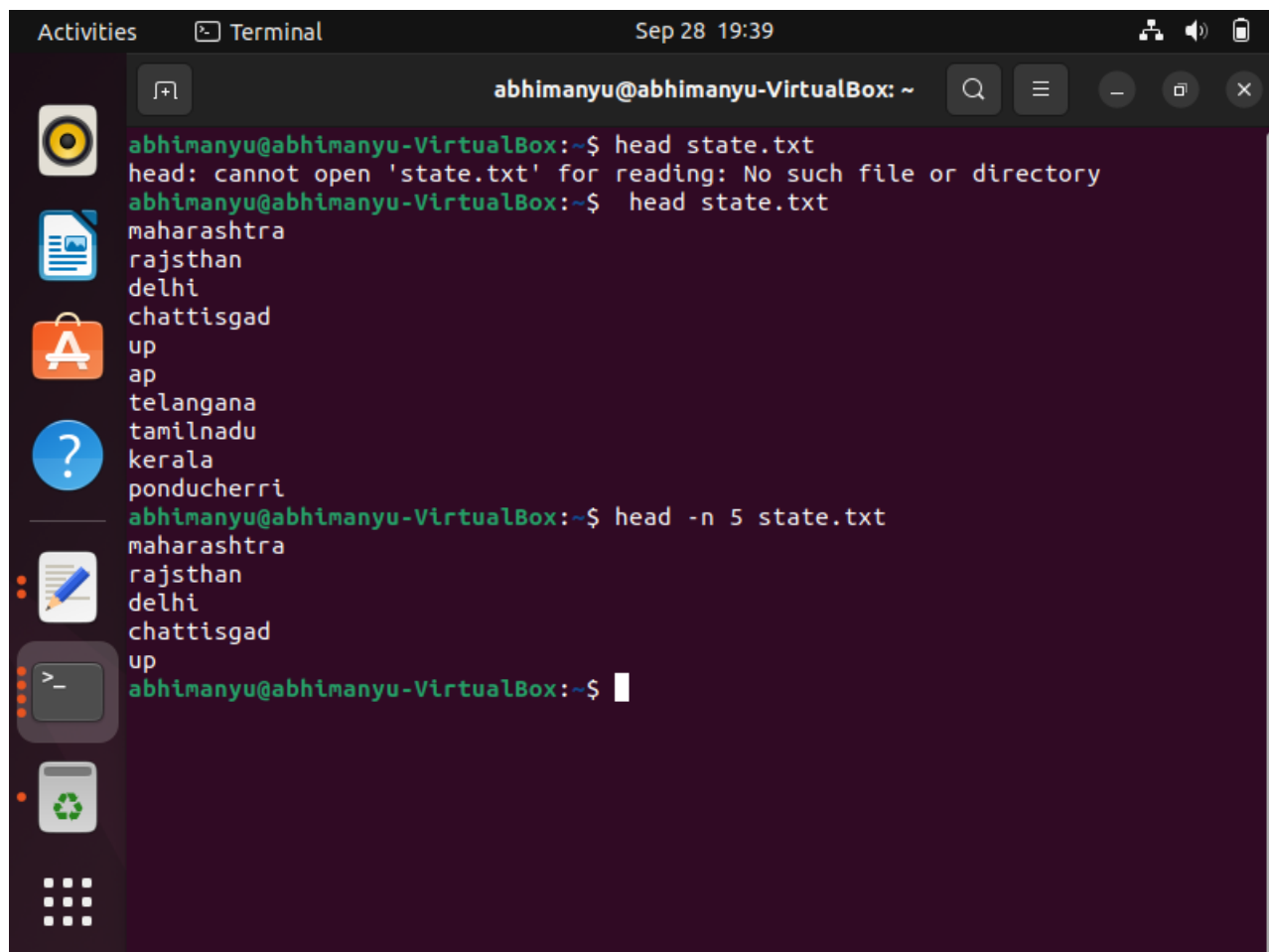
```
abhimanyu@abhimanyu-VirtualBox:~$ pwd
/home/abhimanyu
abhimanyu@abhimanyu-VirtualBox:~$
```

Cat

A terminal window titled 'abhimanyu@abhimanyu-VirtualBox: ~' with a search bar and window controls. The left sidebar shows application icons. The terminal output shows the following sequence of commands and their results:

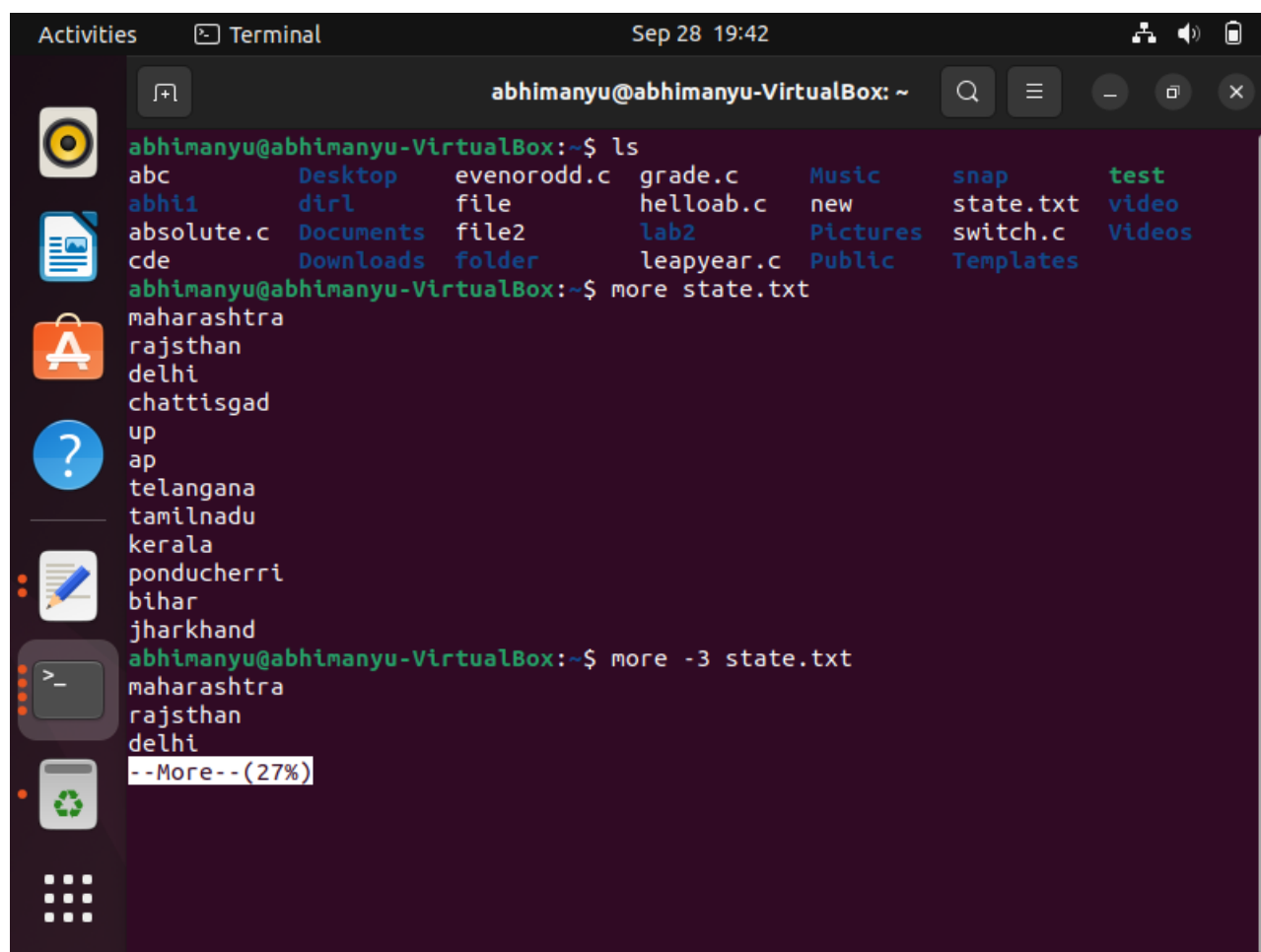
```
abhimanyu@abhimanyu-VirtualBox:~$ cat>abc
this is a file
abhimanyu@abhimanyu-VirtualBox:~$ ls
abc          dirl          file          helloab.c    new          switch.c     Videos
abhi1        Documents     file2         lab2         Pictures     Templates
absolute.c   Downloads     folder        leapyear.c   Public       test
Desktop      evenorodd.c   grade.c       Music        snap         video
abhimanyu@abhimanyu-VirtualBox:~$ cat abc
this is a file
abhimanyu@abhimanyu-VirtualBox:~$ cat abc>cde
abhimanyu@abhimanyu-VirtualBox:~$ cat cde
this is a file
abhimanyu@abhimanyu-VirtualBox:~$ cat>>abc
I am adding more content
abhimanyu@abhimanyu-VirtualBox:~$ cat abc
this is a file
I am adding more content
abhimanyu@abhimanyu-VirtualBox:~$
```

Head

A terminal window titled 'abhimanyu@abhimanyu-VirtualBox: ~' with a search bar and window controls. The left sidebar shows application icons. The terminal output shows the following sequence of commands and their results:

```
abhimanyu@abhimanyu-VirtualBox:~$ head state.txt
head: cannot open 'state.txt' for reading: No such file or directory
abhimanyu@abhimanyu-VirtualBox:~$ head state.txt
maharashtra
rajsthan
delhi
chattisgad
up
ap
telangana
tamilnadu
kerala
ponducherri
abhimanyu@abhimanyu-VirtualBox:~$ head -n 5 state.txt
maharashtra
rajsthan
delhi
chattisgad
up
abhimanyu@abhimanyu-VirtualBox:~$
```

More

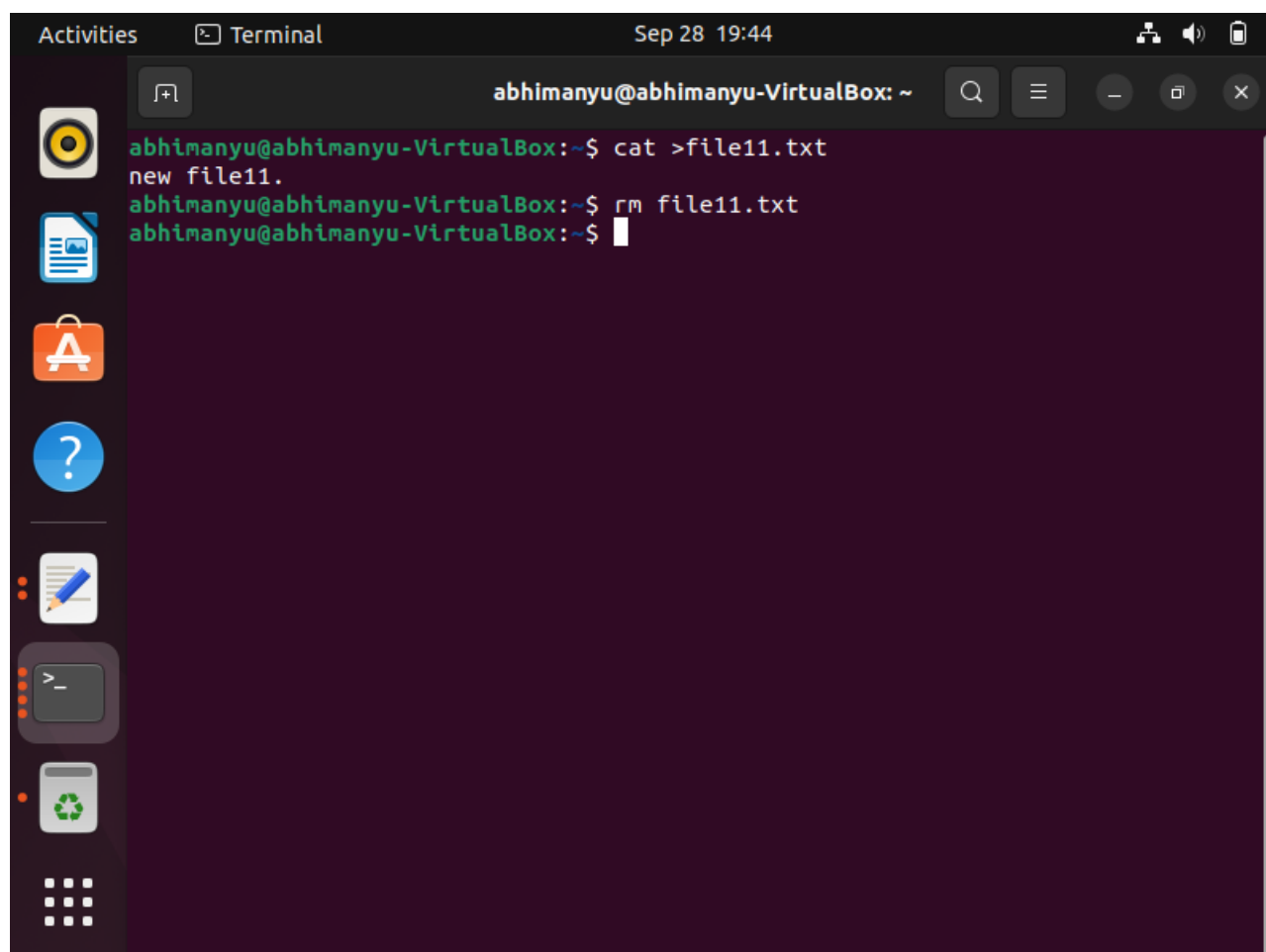


A terminal window titled 'abhimanyu@abhimanyu-VirtualBox: ~' with a search bar and window controls. The user runs 'ls' and lists files: abc, abhi1, absolute.c, cde, Desktop, dirl, Documents, Downloads, evenorodd.c, file, file2, folder, grade.c, helloab.c, lab2, leapyear.c, Music, new, Pictures, Public, snap, state.txt, switch.c, Templates, test, video, Videos. Then they run 'more state.txt' and see a list of Indian states. Pressing space shows the next page. Pressing '-3' shows the last three lines. Pressing 'q' exits the pager.

```
abhimanyu@abhimanyu-VirtualBox:~$ ls
abc          Desktop     evenorodd.c  grade.c      Music       snap        test
abhi1        dirl       file         helloab.c    new         state.txt   video
absolute.c   Documents  file2        lab2         Pictures    switch.c    Videos
cde          Downloads  folder      leapyear.c   Public      Templates

abhimanyu@abhimanyu-VirtualBox:~$ more state.txt
maharashtra
rajasthan
delhi
chattisgad
up
ap
telangana
tamilnadu
kerala
ponducherri
bihar
jharkhand
abhimanyu@abhimanyu-VirtualBox:~$ more -3 state.txt
maharashtra
rajasthan
delhi
--More-- (27%)
```

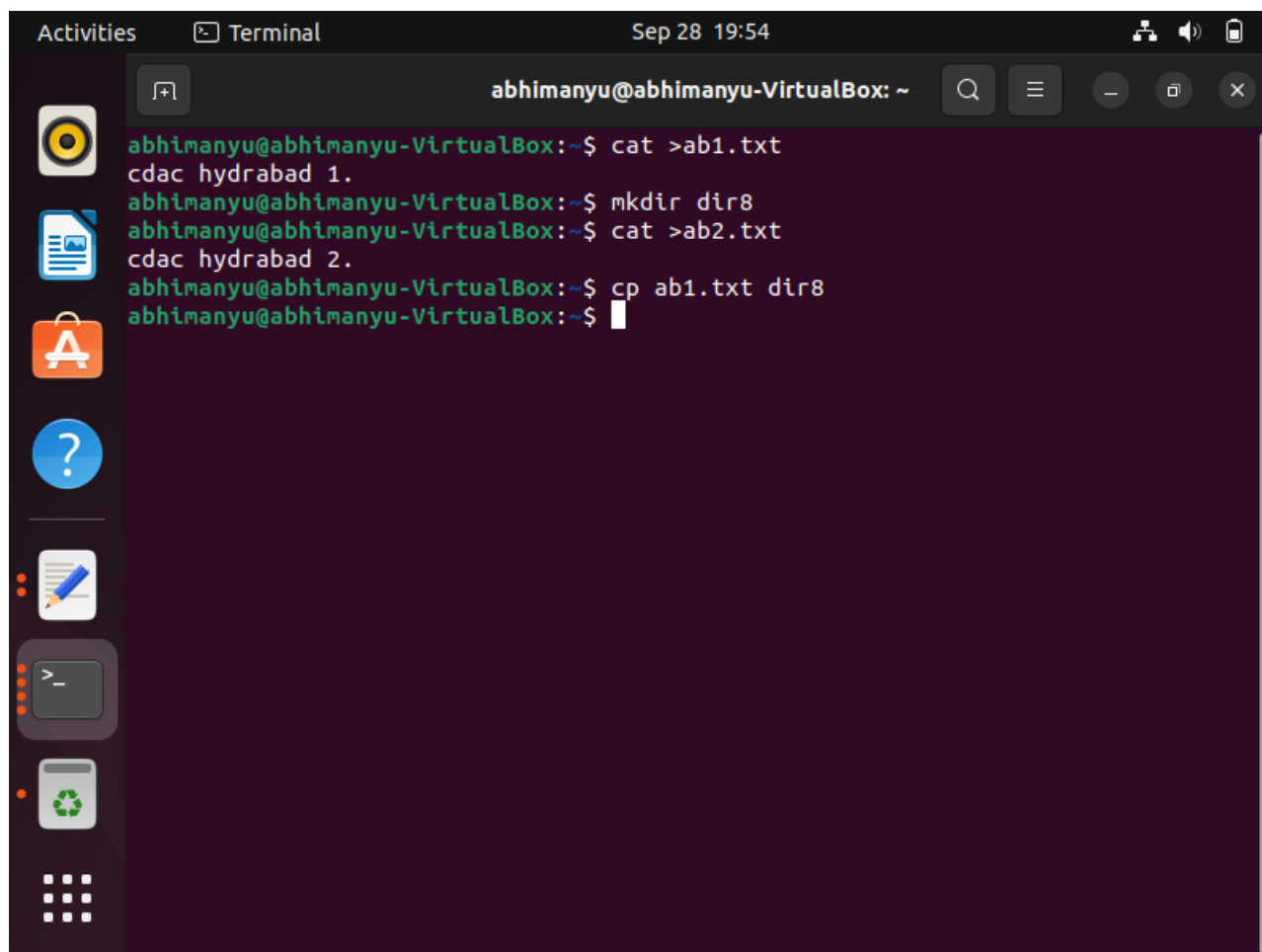
Rm



A terminal window titled 'abhimanyu@abhimanyu-VirtualBox: ~' with a search bar and window controls. The user runs 'cat >file11.txt' to create a new file. Then they run 'rm file11.txt' to remove it. The prompt returns.

```
abhimanyu@abhimanyu-VirtualBox:~$ cat >file11.txt
new file11.
abhimanyu@abhimanyu-VirtualBox:~$ rm file11.txt
abhimanyu@abhimanyu-VirtualBox:~$
```

Cp

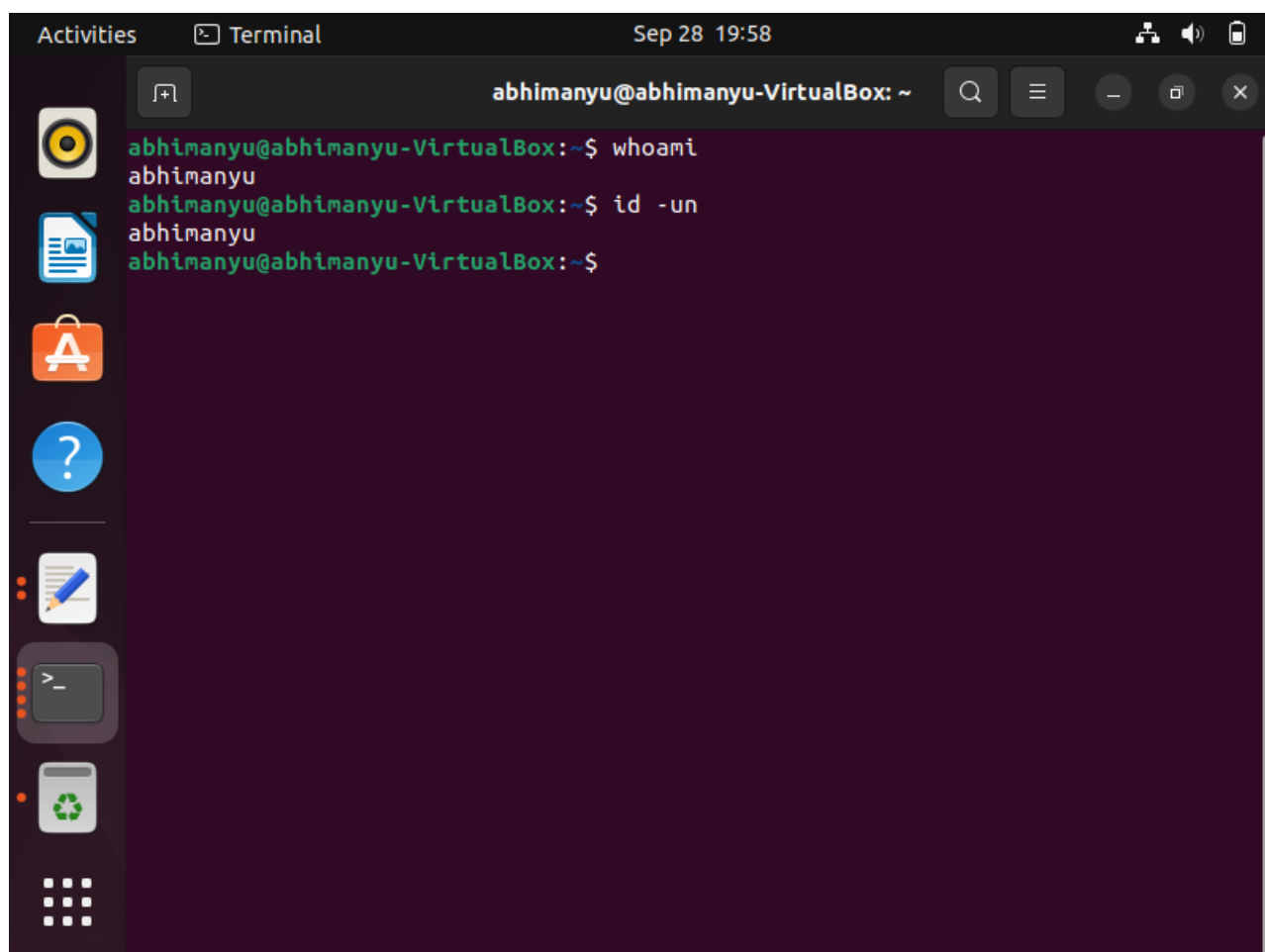


A terminal window titled "abhimanyu@abhimanyu-VirtualBox: ~" with a search bar and window controls. The terminal shows the following commands and output:

```
abhimanyu@abhimanyu-VirtualBox:~$ cat >ab1.txt
cdac hyderabad 1.
abhimanyu@abhimanyu-VirtualBox:~$ mkdir dir8
abhimanyu@abhimanyu-VirtualBox:~$ cat >ab2.txt
cdac hyderabad 2.
abhimanyu@abhimanyu-VirtualBox:~$ cp ab1.txt dir8
abhimanyu@abhimanyu-VirtualBox:~$
```

The left sidebar shows icons for Activities, Terminal, and various application icons like a web browser, file manager, and system utilities.

Who



A terminal window titled "abhimanyu@abhimanyu-VirtualBox: ~" with a search bar and window controls. The terminal shows the following commands and output:

```
abhimanyu@abhimanyu-VirtualBox:~$ whoami
abhimanyu
abhimanyu@abhimanyu-VirtualBox:~$ id -un
abhimanyu
abhimanyu@abhimanyu-VirtualBox:~$
```

The left sidebar shows icons for Activities, Terminal, and various application icons like a web browser, file manager, and system utilities.

Date

```
Activities Terminal Sep 28 20:01
abhimanyu@abhimanyu-VirtualBox: ~
abhimanyu@abhimanyu-VirtualBox:~$ date
Wednesday 28 September 2022 07:58:51 PM IST
abhimanyu@abhimanyu-VirtualBox:~$ date "+%d/%m/%y"
28/09/22
abhimanyu@abhimanyu-VirtualBox:~$ date "+%H:%M:%S"
20:00:20
abhimanyu@abhimanyu-VirtualBox:~$ date "+%Y"
2022
abhimanyu@abhimanyu-VirtualBox:~$ date "+%B"
September
abhimanyu@abhimanyu-VirtualBox:~$ date "+%A"
Wednesday
abhimanyu@abhimanyu-VirtualBox:~$
```

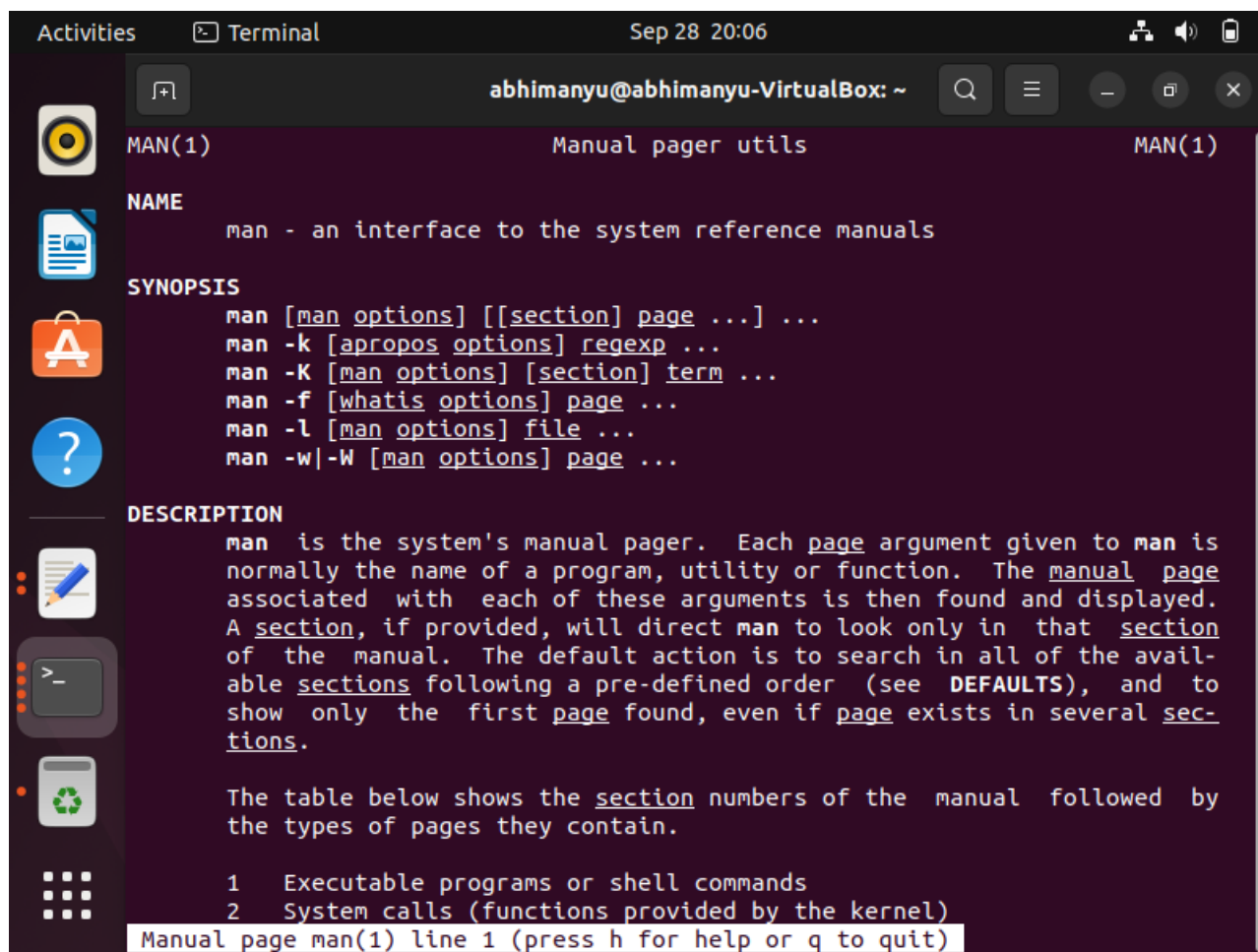
Cal

```
Activities Terminal Sep 28 20:05
abhimanyu@abhimanyu-VirtualBox: ~
abhimanyu@abhimanyu-VirtualBox:~$ cal
September 2022
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

abhimanyu@abhimanyu-VirtualBox:~$ cal 1999

                1999
January          February          March
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
    1  2  3          1  2  3  4  5  6          1  2  3  4  5  6
 3  4  5  6  7  8  9    7  8  9 10 11 12 13    7  8  9 10 11 12 13
10 11 12 13 14 15 16   14 15 16 17 18 19 20   14 15 16 17 18 19 20
17 18 19 20 21 22 23   21 22 23 24 25 26 27   21 22 23 24 25 26 27
24 25 26 27 28 29 30   28                28 29 30 31
31

April           May           June
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
    1  2  3          1          1  2  3  4  5
 4  5  6  7  8  9 10    2  3  4  5  6  7  8    6  7  8  9 10 11 12
11 12 13 14 15 16 17    9 10 11 12 13 14 15   13 14 15 16 17 18 19
18 19 20 21 22 23 24   16 17 18 19 20 21 22   20 21 22 23 24 25 26
25 26 27 28 29 30     23 24 25 26 27 28 29   27 28 29 30
30 31
```



```
MAN(1)                                Manual pager utils                                MAN(1)

NAME
    man - an interface to the system reference manuals

SYNOPSIS
    man [man options] [section] page ...] ...
    man -k [apropos options] regexp ...
    man -K [man options] [section] term ...
    man -f [whatis options] page ...
    man -l [man options] file ...
    man -w|-W [man options] page ...

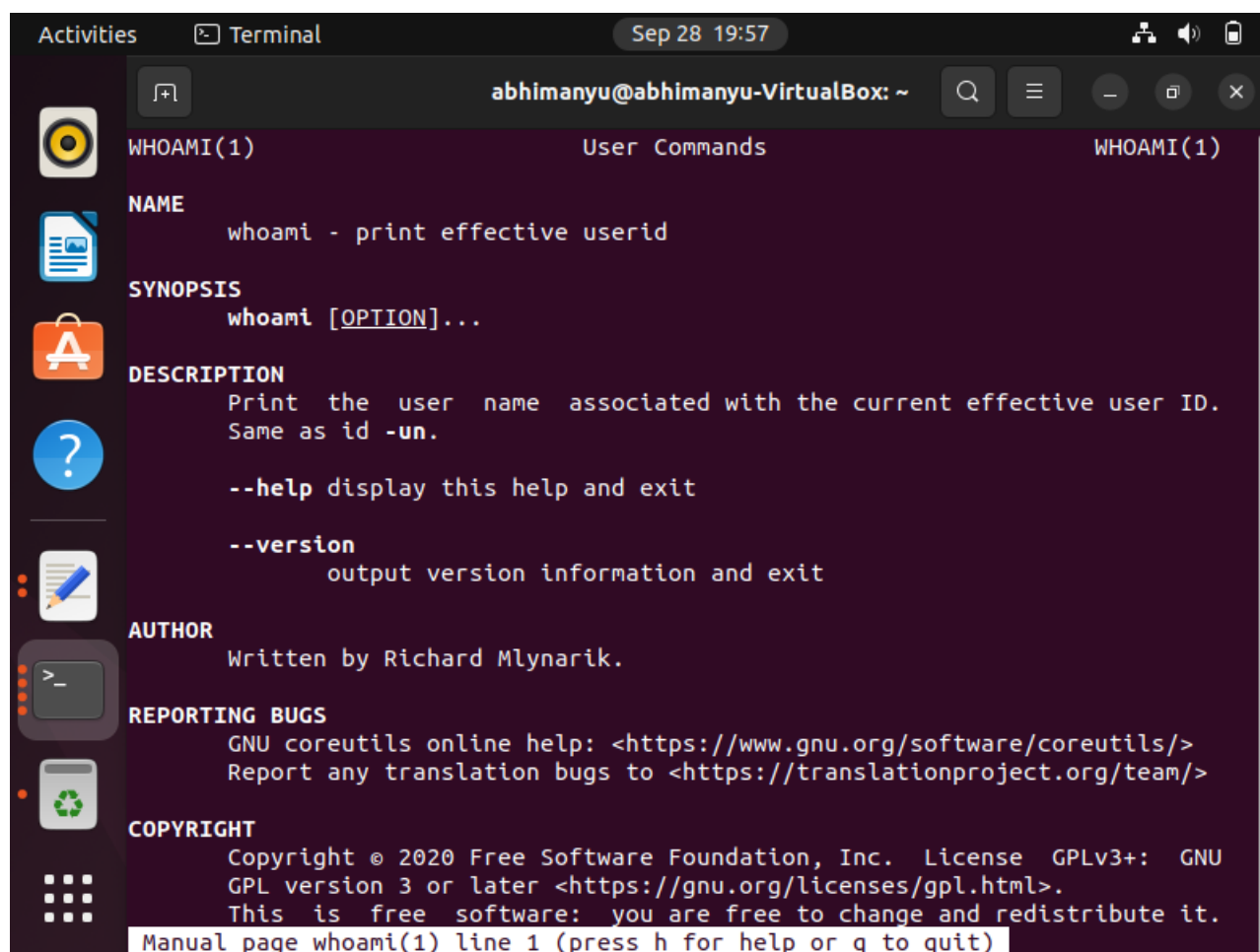
DESCRIPTION
    man is the system's manual pager. Each page argument given to man is normally the name of a program, utility or function. The manual page associated with each of these arguments is then found and displayed. A section, if provided, will direct man to look only in that section of the manual. The default action is to search in all of the available sections following a pre-defined order (see DEFAULTS), and to show only the first page found, even if page exists in several sections.

    The table below shows the section numbers of the manual followed by the types of pages they contain.

    1   Executable programs or shell commands
    2   System calls (functions provided by the kernel)

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


Type the command whoami



The screenshot shows a terminal window titled 'abhimanyu@abhimanyu-VirtualBox: ~' with a timestamp of 'Sep 28 19:57'. The terminal displays the help text for the 'whoami' command. The text is as follows:

```
WHOAMI(1)                                User Commands                                WHOAMI(1)

NAME
    whoami - print effective userid

SYNOPSIS
    whoami [OPTION]...

DESCRIPTION
    Print the user name associated with the current effective user ID.
    Same as id -un.

    --help display this help and exit

    --version
        output version information and exit

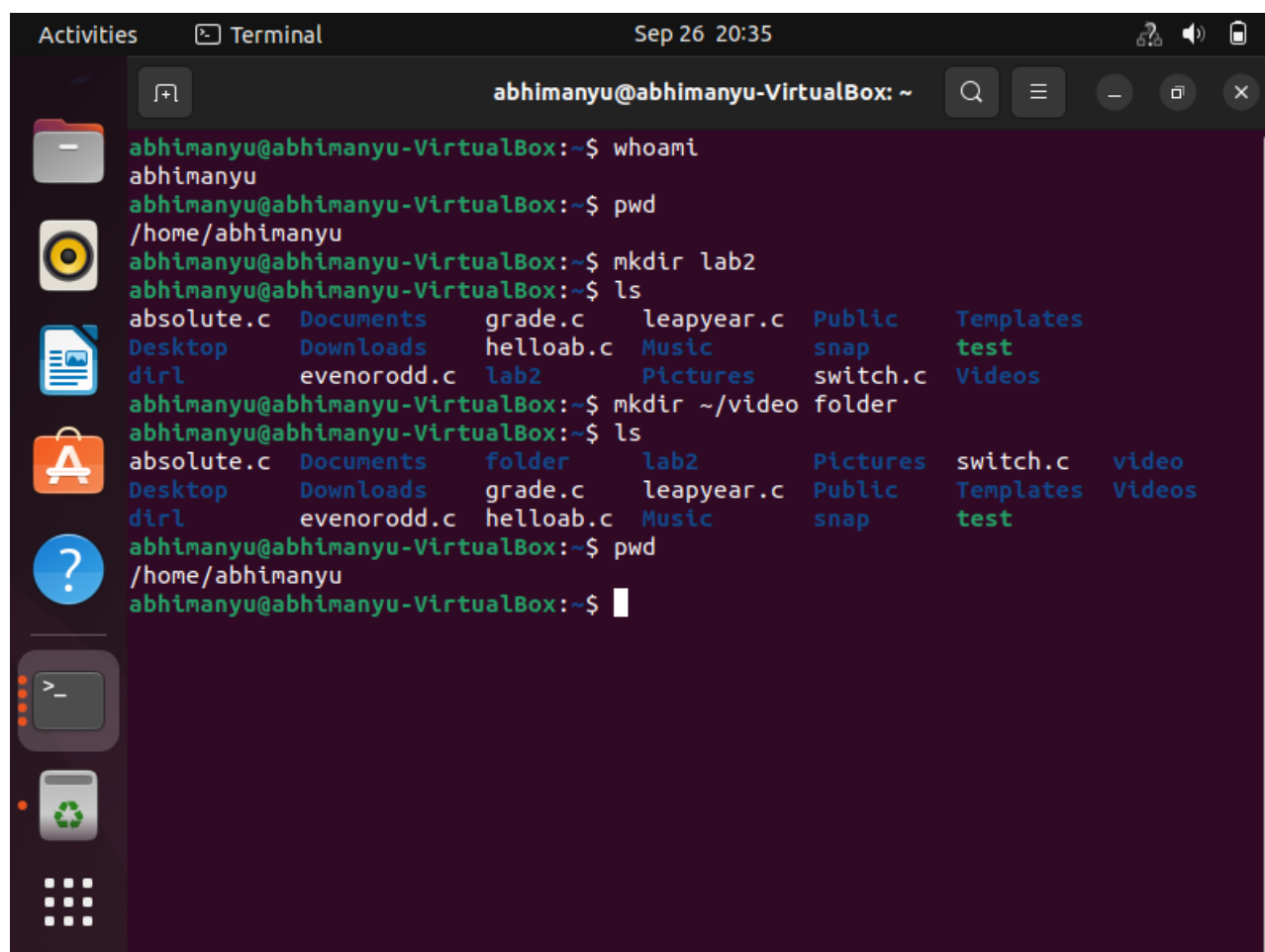
AUTHOR
    Written by Richard Mlynarik.

REPORTING BUGS
    GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
    Report any translation bugs to <https://translationproject.org/team/>

COPYRIGHT
    Copyright © 2020 Free Software Foundation, Inc. License GPLv3+: GNU
    GPL version 3 or later <https://gnu.org/licenses/gpl.html>.
    This is free software: you are free to change and redistribute it.

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

create a new directory named lab2



The screenshot shows a terminal window titled 'abhimanyu@abhimanyu-VirtualBox: ~' with a timestamp of 'Sep 26 20:35'. The terminal displays the following commands and their outputs:

```
abhimanyu@abhimanyu-VirtualBox:~$ whoami
abhimanyu
abhimanyu@abhimanyu-VirtualBox:~$ pwd
/home/abhimanyu
abhimanyu@abhimanyu-VirtualBox:~$ mkdir lab2
abhimanyu@abhimanyu-VirtualBox:~$ ls
absolute.c  Documents  grade.c    leapyear.c  Public     Templates
Desktop     Downloads  helloab.c  Music       snap       test
dir1        evenorodd.c lab2        Pictures    switch.c   Videos
abhimanyu@abhimanyu-VirtualBox:~$ mkdir ~/video folder
abhimanyu@abhimanyu-VirtualBox:~$ ls
absolute.c  Documents  folder     lab2        Pictures    switch.c   video
Desktop     Downloads  grade.c    leapyear.c  Public     Templates  Videos
dir1        evenorodd.c helloab.c   Music       snap       test
abhimanyu@abhimanyu-VirtualBox:~$ pwd
/home/abhimanyu
abhimanyu@abhimanyu-VirtualBox:~$
```


change directories into lab2

```
Abilities Terminal Sep 28 20:21
abhimanyu@abhimanyu-VirtualBox: /home
abhimanyu@abhimanyu-VirtualBox:/$ cd /
abhimanyu@abhimanyu-VirtualBox:/$ pwd
/
abhimanyu@abhimanyu-VirtualBox:/$ ls
bin    dev    lab2   lib64   media  proc   sbin   swapfile  usr
boot   etc    lib    libx32  mnt    root   snap   sys       var
cdrom  home   lib32  lost+found  opt    run    srv    tmp
abhimanyu@abhimanyu-VirtualBox:/$ cd home
abhimanyu@abhimanyu-VirtualBox:/home$ cd ..
abhimanyu@abhimanyu-VirtualBox:/$ cd Home
bash: cd: Home: No such file or directory
abhimanyu@abhimanyu-VirtualBox:/$ cd home
abhimanyu@abhimanyu-VirtualBox:/home$ ls
abhimanyu
abhimanyu@abhimanyu-VirtualBox:/home$ ls -l
total 4
drwxr-x-- 24 abhimanyu abhimanyu 4096 Sep 28 19:48 abhimanyu
abhimanyu@abhimanyu-VirtualBox:/home$ cd abhimanyu/
abhimanyu@abhimanyu-VirtualBox:~$ pwd
/home/abhimanyu
abhimanyu@abhimanyu-VirtualBox:~$ cd ..
abhimanyu@abhimanyu-VirtualBox:/home$ cd ..
abhimanyu@abhimanyu-VirtualBox:/$ cd
abhimanyu@abhimanyu-VirtualBox:~$ cd /
abhimanyu@abhimanyu-VirtualBox:/$ cd home/abhimanyu/
abhimanyu@abhimanyu-VirtualBox:~$ pwd
/home/abhimanyu
abhimanyu@abhimanyu-VirtualBox:~$ cd /home
abhimanyu@abhimanyu-VirtualBox:/home$
```

list all files, even hidden files

```
Abilities Terminal Sep 28 20:23
abhimanyu@abhimanyu-VirtualBox: /
abhimanyu@abhimanyu-VirtualBox:/$ ls
bin    dev    lab2   lib64   media  proc   sbin   swapfile  usr
boot   etc    lib    libx32  mnt    root   snap   sys       var
cdrom  home   lib32  lost+found  opt    run    srv    tmp
abhimanyu@abhimanyu-VirtualBox:/$ ls -a
.      boot   etc    lib    libx32  mnt    root   snap      sys  var
..     cdrom  home   lib32  lost+found  opt    run    srv       tmp
bin    dev    lab2   lib64   media   proc   sbin   swapfile  usr
abhimanyu@abhimanyu-VirtualBox:/$
```

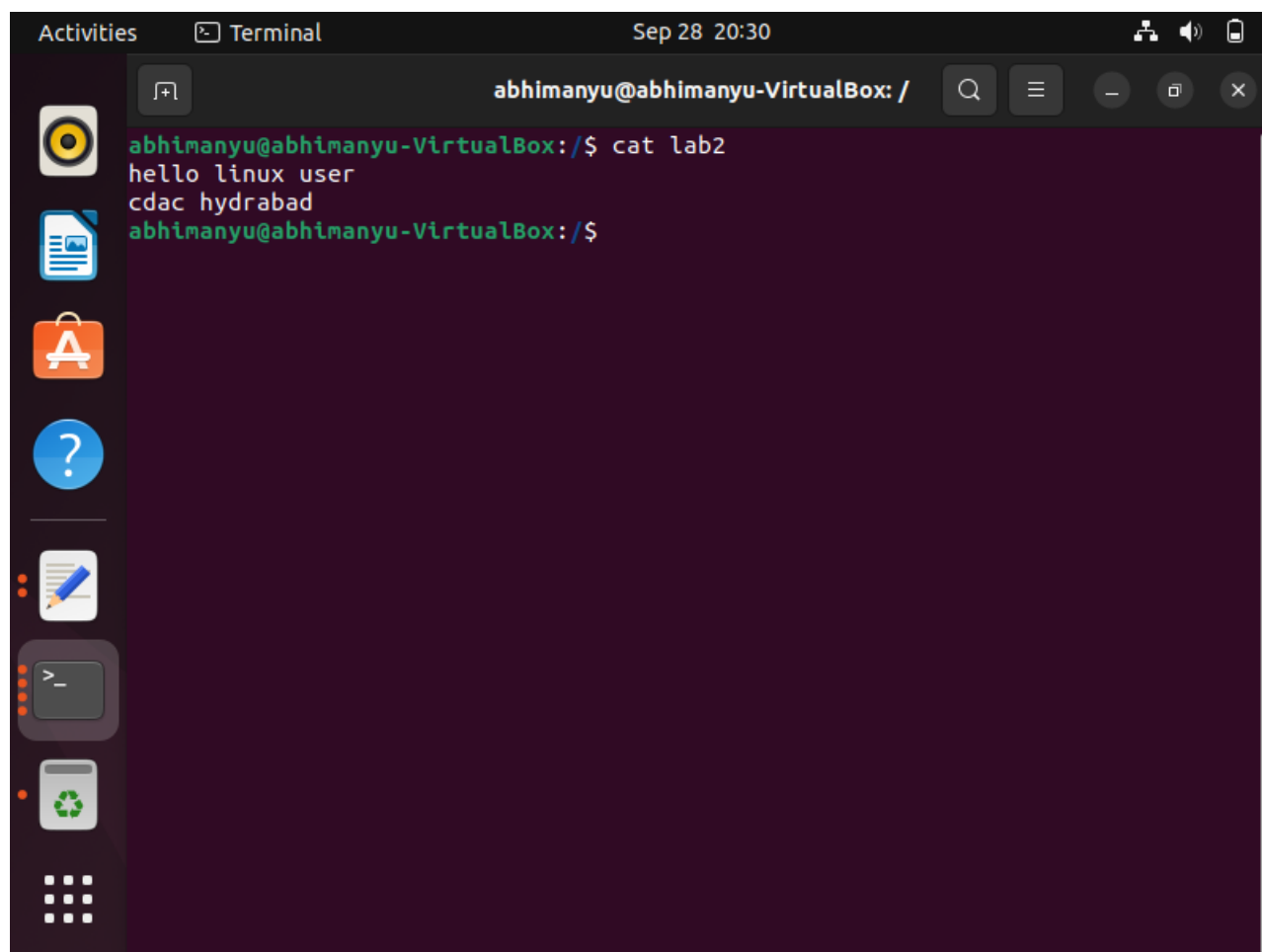
```
Activities Terminal Sep 26 20:40
abhimanyu@abhimanyu-VirtualBox: ~
abhimanyu@abhimanyu-VirtualBox:~$ ls -la
total 144
drwxr-x--- 22 abhimanyu abhimanyu 4096 Sep 26 20:34 .
drwxr-xr-x  3 root      root      4096 Sep 17 09:47 ..
-rw-rw-r--  1 abhimanyu abhimanyu  154 Sep 21 10:19 absolute.c
-rw-----  1 abhimanyu abhimanyu   596 Sep 26 20:08 .bash_history
-rw-r--r--  1 abhimanyu abhimanyu   220 Sep 17 09:47 .bash_logout
-rw-r--r--  1 abhimanyu abhimanyu  3771 Sep 17 09:47 .bashrc
drwx----- 12 abhimanyu abhimanyu 4096 Sep 22 10:37 .cache
drwx----- 12 abhimanyu abhimanyu 4096 Sep 21 09:52 .config
drwxr-xr-x  2 abhimanyu abhimanyu 4096 Sep 17 10:09 Desktop
drwxrwxr-x  2 abhimanyu abhimanyu 4096 Sep 19 10:11 dirl
drwxr-xr-x  2 abhimanyu abhimanyu 4096 Sep 17 10:09 Documents
drwxr-xr-x  2 abhimanyu abhimanyu 4096 Sep 17 10:09 Downloads
-rw-rw-r--  1 abhimanyu abhimanyu   273 Sep 22 10:19 evenorodd.c
drwxrwxr-x  2 abhimanyu abhimanyu 4096 Sep 26 20:34 folder
drwx-----  2 abhimanyu abhimanyu 4096 Sep 21 19:07 .gnupg
-rw-rw-r--  1 abhimanyu abhimanyu   442 Sep 22 10:08 grade.c
-rw-rw-r--  1 abhimanyu abhimanyu    69 Sep 21 09:56 helloab.c
drwxrwxr-x  2 abhimanyu abhimanyu 4096 Sep 26 20:30 lab2
-rw-rw-r--  1 abhimanyu abhimanyu   422 Sep 22 10:28 leapyear.c
drwx-----  3 abhimanyu abhimanyu 4096 Sep 17 10:09 .local
drwx-----  3 abhimanyu abhimanyu 4096 Sep 22 10:37 .mozilla
drwxr-xr-x  2 abhimanyu abhimanyu 4096 Sep 17 10:09 Music
drwxr-xr-x  2 abhimanyu abhimanyu 4096 Sep 17 10:09 Pictures
-rw-r--r--  1 abhimanyu abhimanyu   807 Sep 17 09:47 .profile
drwxr-xr-x  2 abhimanyu abhimanyu 4096 Sep 17 10:09 Public
drwx-----  4 abhimanyu abhimanyu 4096 Sep 22 10:01 snap
drwx-----  2 abhimanyu abhimanyu 4096 Sep 17 11:02 .ssh
```

- create a new file that contains the calendar for this month

```
Activities Terminal Sep 28 21:33
abhimanyu@abhimanyu-VirtualBox: ~
abhimanyu@abhimanyu-VirtualBox:~$ cal sep 2022
    September 2022
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

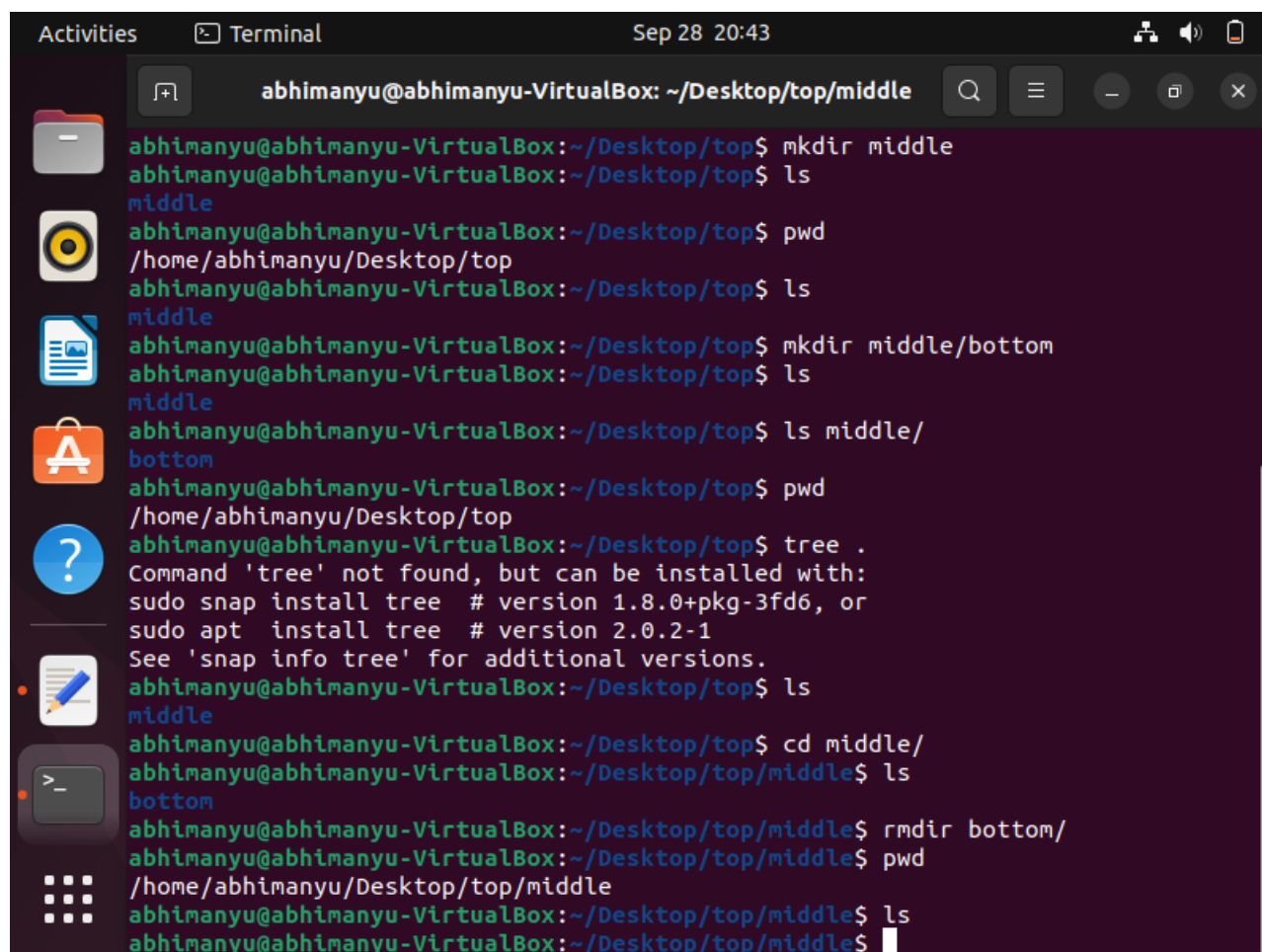
abhimanyu@abhimanyu-VirtualBox:~$
```

display the entire contents of that new file

A terminal window titled 'abhimanyu@abhimanyu-VirtualBox: /' with a search bar and window controls. The terminal shows the command 'cat lab2' being executed, displaying the contents of the file 'lab2' which are 'hello linux user' and 'cdac hyderabad'. The prompt returns to 'abhimanyu@abhimanyu-VirtualBox: /\$'.

```
abhimanyu@abhimanyu-VirtualBox: /$ cat lab2
hello linux user
cdac hyderabad
abhimanyu@abhimanyu-VirtualBox: /$
```

delete the file

A terminal window titled 'abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top/middle' with a search bar and window controls. The terminal shows a series of commands: 'mkdir middle', 'ls' (showing 'middle'), 'pwd' (showing '/home/abhimanyu/Desktop/top'), 'ls' (showing 'middle'), 'mkdir middle/bottom', 'ls' (showing 'middle'), 'ls middle/' (showing 'bottom'), 'pwd' (showing '/home/abhimanyu/Desktop/top'), 'tree .' (with an error message that 'tree' is not found), 'ls' (showing 'middle'), 'cd middle/', 'ls' (showing 'bottom'), 'rmdir bottom/', 'pwd' (showing '/home/abhimanyu/Desktop/top/middle'), and 'ls' (showing an empty directory).

```
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top/middle$ mkdir middle
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top$ ls
middle
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top$ pwd
/home/abhimanyu/Desktop/top
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top$ ls
middle
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top$ mkdir middle/bottom
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top$ ls
middle
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top$ ls middle/
bottom
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top$ pwd
/home/abhimanyu/Desktop/top
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top$ tree .
Command 'tree' not found, but can be installed with:
sudo snap install tree # version 1.8.0+pkg-3fd6, or
sudo apt install tree # version 2.0.2-1
See 'snap info tree' for additional versions.
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top$ ls
middle
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top$ cd middle/
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top/middle$ ls
bottom
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top/middle$ rmdir bottom/
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top/middle$ pwd
/home/abhimanyu/Desktop/top/middle
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top/middle$ ls
abhimanyu@abhimanyu-VirtualBox: ~/Desktop/top/middle$
```

Activities Terminal Sep 28 20:45

abhimanyu@abhimanyu-VirtualBox: ~

Rhythmbox

April

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
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		

May

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						

June

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			

July

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	

August

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					

September

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		

October

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

November

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					

December

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	

abhimanyu@abhimanyu-VirtualBox:~\$

Activities Terminal Sep 28 20:45

abhimanyu@abhimanyu-VirtualBox: ~

abhimanyu@abhimanyu-VirtualBox:~\$ cal 2020

2020

January

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	

February

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

March

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		

April

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		

May

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						

June

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			

July

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	

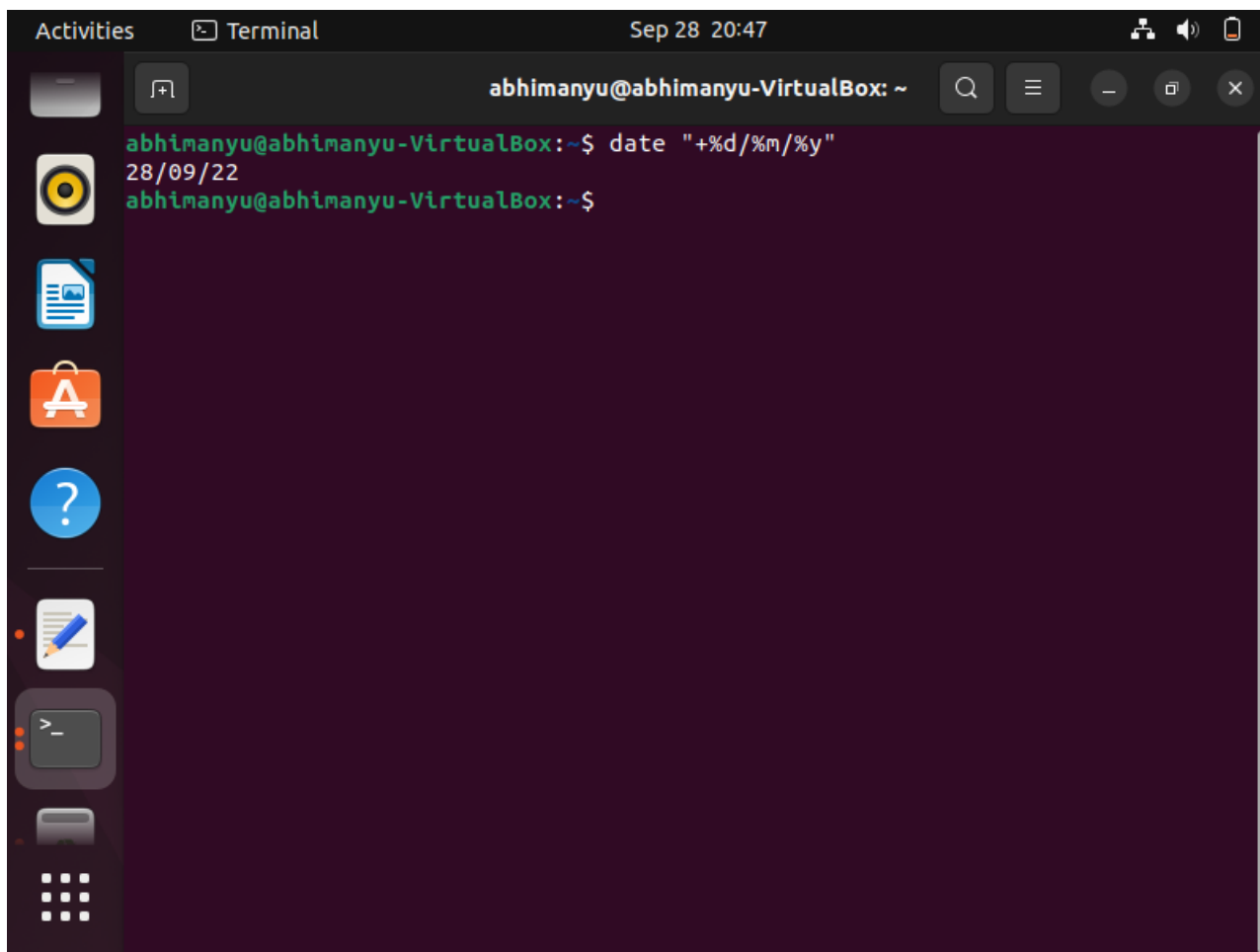
August

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					

September

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		

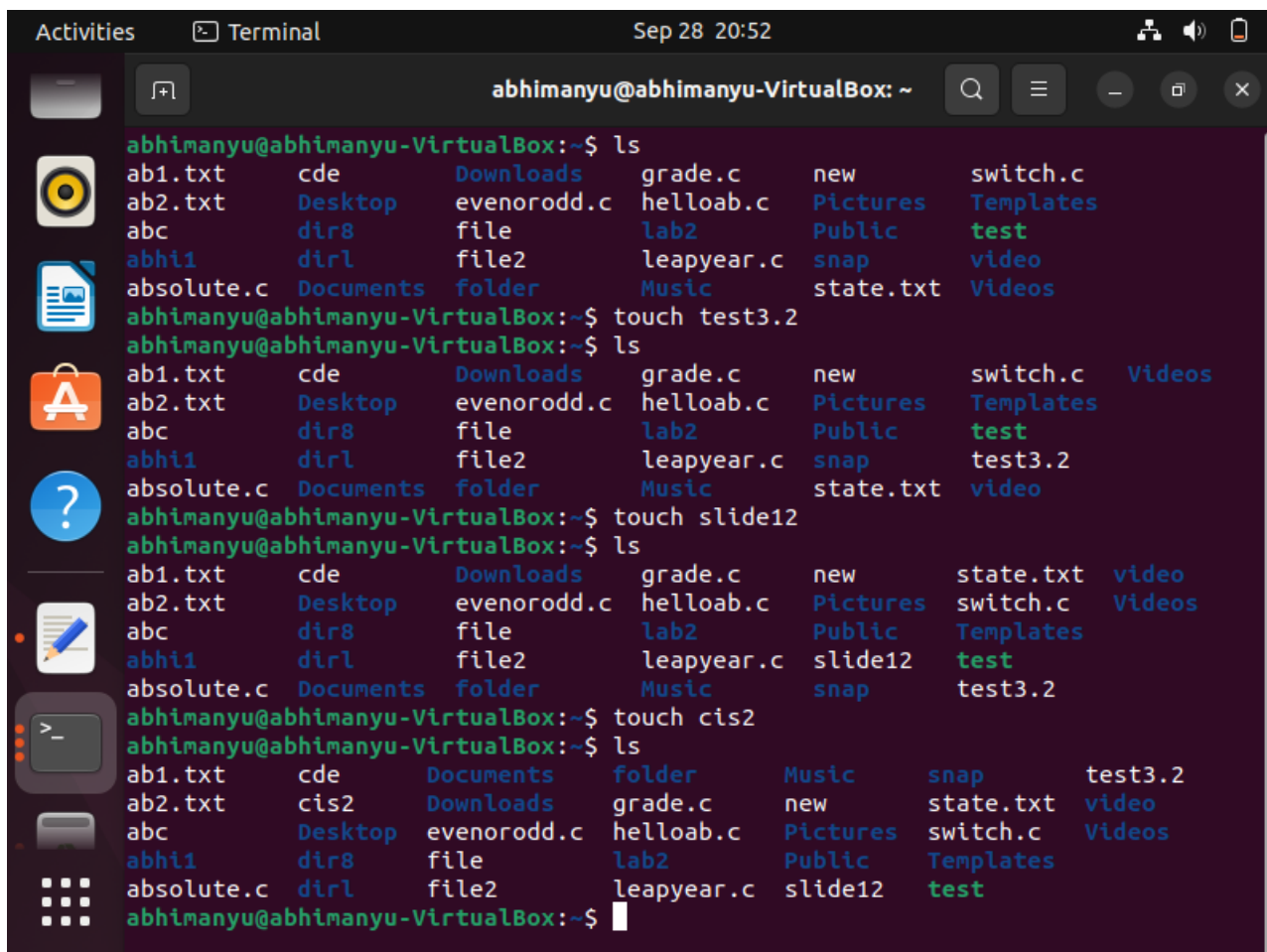
asks the system for today's date



A terminal window titled 'abhimanyu@abhimanyu-VirtualBox: ~' with a search bar and window controls. The terminal shows the command `date "+%d/%m/%y"` being executed, resulting in the output `28/09/22`. The prompt `abhimanyu@abhimanyu-VirtualBox:~$` is visible at the bottom.

```
abhimanyu@abhimanyu-VirtualBox:~$ date "+%d/%m/%y"
28/09/22
abhimanyu@abhimanyu-VirtualBox:~$
```

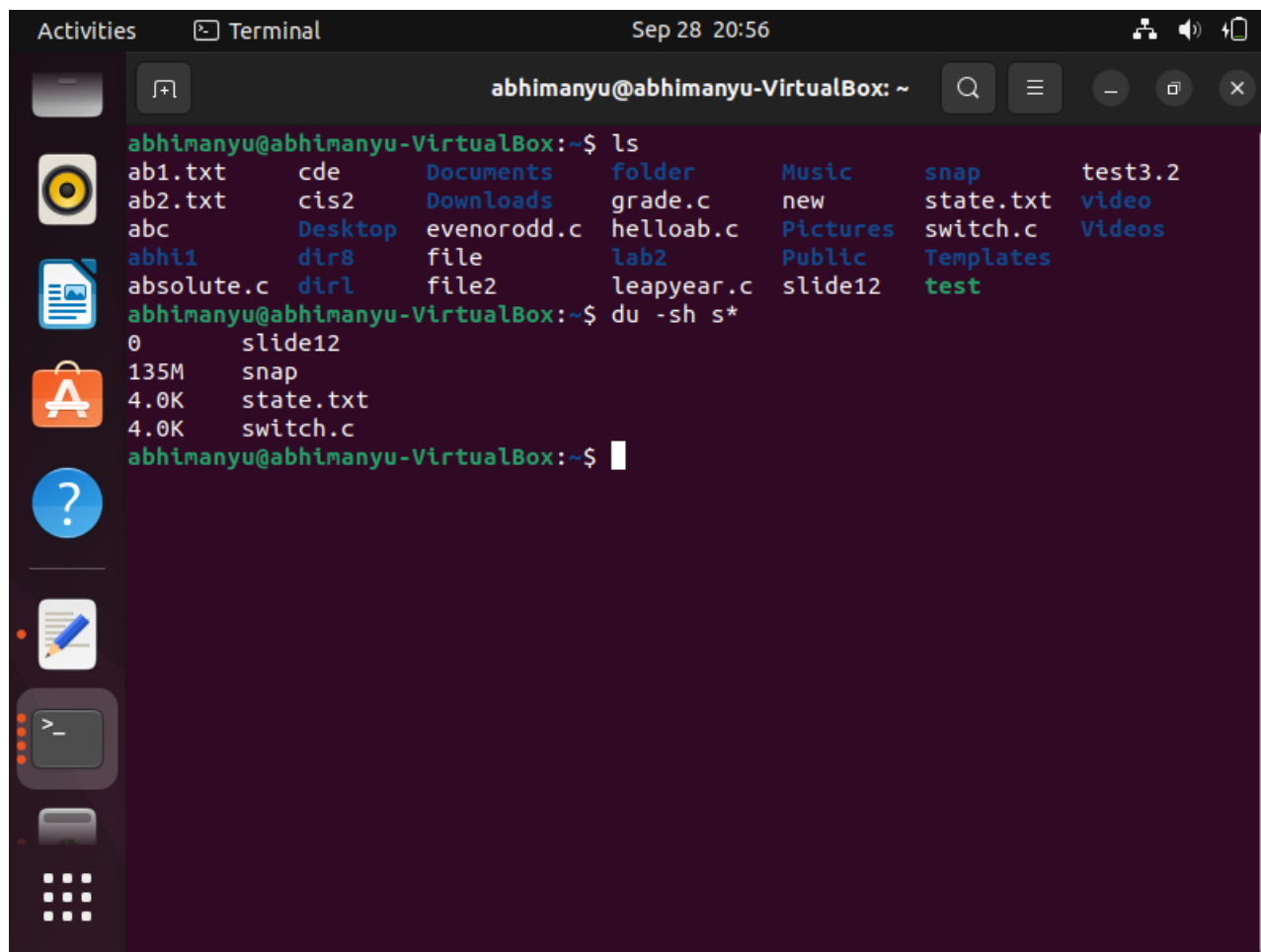
Use 'touch' command to create 3 empty files called test3.2, slide12, cis2



A terminal window titled 'abhimanyu@abhimanyu-VirtualBox: ~' with a search bar and window controls. The terminal shows a series of commands and their outputs. First, `ls` is run, showing a directory listing. Then, `touch test3.2` is executed. Next, `ls` is run again, showing the new file. Then, `touch slide12` is executed. Next, `ls` is run again, showing the new file. Then, `touch cis2` is executed. Finally, `ls` is run again, showing the new file. The prompt `abhimanyu@abhimanyu-VirtualBox:~$` is visible at the bottom.

```
abhimanyu@abhimanyu-VirtualBox:~$ ls
ab1.txt      cde      Downloads  grade.c    new        switch.c
ab2.txt      Desktop  evenorodd.c helloab.c  Pictures   Templates
abc          dir8     file       lab2       Public     test
abhi1       dirl     file2      leapyear.c snap       video
absolute.c  Documents folder     Music      state.txt  Videos
abhimanyu@abhimanyu-VirtualBox:~$ touch test3.2
abhimanyu@abhimanyu-VirtualBox:~$ ls
ab1.txt      cde      Downloads  grade.c    new        switch.c  Videos
ab2.txt      Desktop  evenorodd.c helloab.c  Pictures   Templates
abc          dir8     file       lab2       Public     test
abhi1       dirl     file2      leapyear.c snap       test3.2
absolute.c  Documents folder     Music      state.txt  video
abhimanyu@abhimanyu-VirtualBox:~$ touch slide12
abhimanyu@abhimanyu-VirtualBox:~$ ls
ab1.txt      cde      Downloads  grade.c    new        state.txt  video
ab2.txt      Desktop  evenorodd.c helloab.c  Pictures   switch.c   Videos
abc          dir8     file       lab2       Public     Templates
abhi1       dirl     file2      leapyear.c slide12    test
absolute.c  Documents folder     Music      snap       test3.2
abhimanyu@abhimanyu-VirtualBox:~$ touch cis2
abhimanyu@abhimanyu-VirtualBox:~$ ls
ab1.txt      cde      Documents  folder     Music      snap       test3.2
ab2.txt      cis2     Downloads  grade.c    new        state.txt  video
abc          Desktop  evenorodd.c helloab.c  Pictures   switch.c   Videos
abhi1       dir8     file       lab2       Public     Templates
absolute.c  dirl     file2      leapyear.c slide12    test
abhimanyu@abhimanyu-VirtualBox:~$
```

Use wildcards to list all filenames that have the letter s in the name

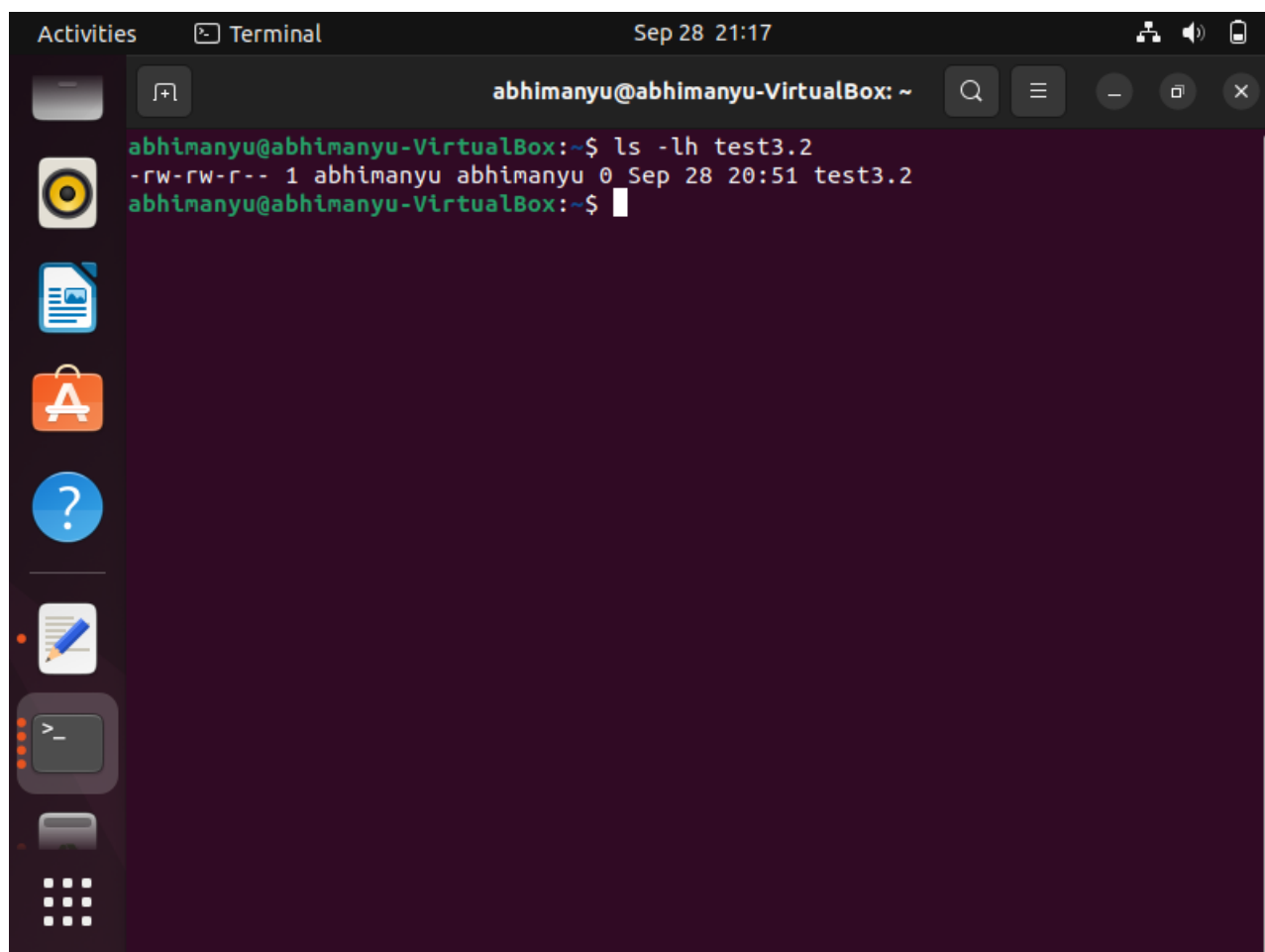


The terminal window shows the user 'abhimanyu' at 'abhimanyu-VirtualBox'. The first command is 'ls', which lists files and directories in a color-coded format. The second command is 'du -sh s*', which shows the disk usage in human-readable format for files and directories containing the letter 's'.

```
abhimanyu@abhimanyu-VirtualBox:~$ ls
ab1.txt    cde      Documents  folder    Music     snap      test3.2
ab2.txt    cis2     Downloads  grade.c   new       state.txt video
abc        Desktop  evenorodd.c helloab.c  Pictures  switch.c  Videos
abhi1      dir8     file       lab2      Public    Templates
absolute.c dirl     file2      leapyear.c slide12   test

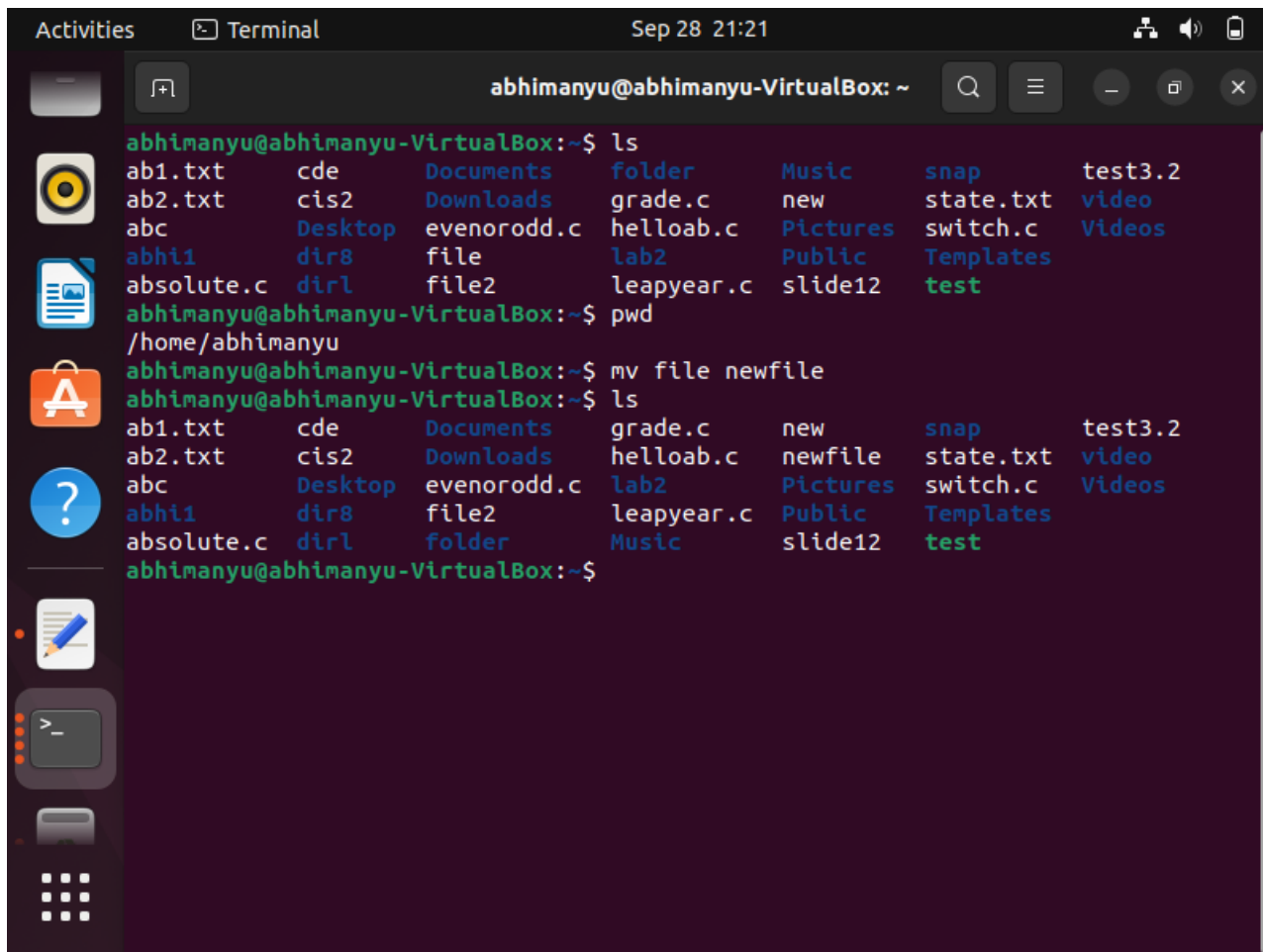
abhimanyu@abhimanyu-VirtualBox:~$ du -sh s*
0          slide12
135M       snap
4.0K       state.txt
4.0K       switch.c
abhimanyu@abhimanyu-VirtualBox:~$
```

Use an option of the ls command to see the size in bytes of file test3.2



The terminal window shows the user 'abhimanyu' at 'abhimanyu-VirtualBox'. The command 'ls -lh test3.2' is executed, showing the file's permissions, size in bytes, owner, group, and modification date.

```
abhimanyu@abhimanyu-VirtualBox:~$ ls -lh test3.2
-rw-rw-r-- 1 abhimanyu abhimanyu 0 Sep 28 20:51 test3.2
abhimanyu@abhimanyu-VirtualBox:~$
```

The image shows a terminal window titled "abhimanyu@abhimanyu-VirtualBox: ~" with a search bar and window controls. The terminal output shows a series of commands and their results:

```
abhimanyu@abhimanyu-VirtualBox:~$ ls
ab1.txt      cde      Documents  folder      Music      snap      test3.2
ab2.txt      cis2     Downloads  grade.c     new        state.txt  video
abc          Desktop  evenorodd.c helloab.c   Pictures   switch.c   Videos
abhi1        dir8     file       lab2        Public     Templates
absolute.c   dirl     file2      leapyear.c  slide12    test

abhimanyu@abhimanyu-VirtualBox:~$ pwd
/home/abhimanyu

abhimanyu@abhimanyu-VirtualBox:~$ mv file newfile
abhimanyu@abhimanyu-VirtualBox:~$ ls
ab1.txt      cde      Documents  grade.c     new        snap      test3.2
ab2.txt      cis2     Downloads  helloab.c   newfile    state.txt  video
abc          Desktop  evenorodd.c lab2         Pictures   switch.c   Videos
abhi1        dir8     file2      leapyear.c  Public     Templates
absolute.c   dirl     folder     Music        slide12    test

abhimanyu@abhimanyu-VirtualBox:~$
```

The left sidebar contains icons for Activities, Terminal, and various application categories (Audio, Office, Education, Development, System Tools, and a grid of other applications).