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Assignment# 02

Task: 01

1. Required Command to Achieve Objectives:

The command for achieving the objective is listed below.

- Include all files, including hidden files:

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

- Sizes are listed in human readable format:

```
-h, --human-readable  
with -l and -s, print sizes like 1K 234M 2G etc.
```

- Files are ordered by recency:

```
-t      sort by time, newest first; see --time
```

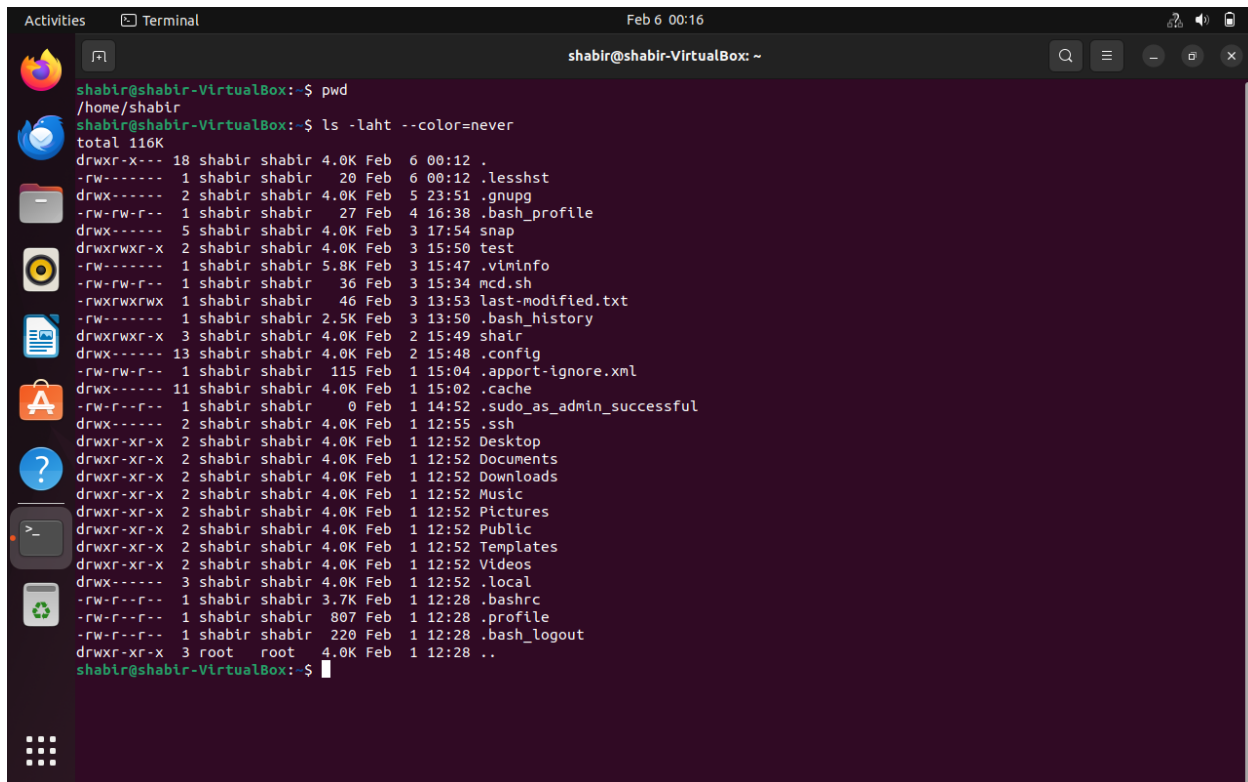
- Output is non – colored:

```
--color[=WHEN]  
colorize the output; WHEN can be 'always' (default if omitted), 'auto', or 'never'; more info below
```

- Usage of Command:

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

2. Output:



```
shabir@shabir-VirtualBox:~$ pwd
/home/shabir
shabir@shabir-VirtualBox:~$ ls -laht --color=never
total 116K
drwxr-x--- 18 shabir shabir 4.0K Feb  6 00:12 .
-rw----- 1 shabir shabir  20 Feb  6 00:12 .lessht
drwx----- 2 shabir shabir 4.0K Feb  5 23:51 .gnupg
-rw-rw-r-- 1 shabir shabir  27 Feb  4 16:38 .bash_profile
drwx----- 5 shabir shabir 4.0K Feb  3 17:54 snap
drwxrwxr-x 2 shabir shabir 4.0K Feb  3 15:50 test
-rw----- 1 shabir shabir 5.8K Feb  3 15:47 .vminfo
-rw-rw-r-- 1 shabir shabir  36 Feb  3 15:34 mcd.sh
-rwxrwxrwx 1 shabir shabir  46 Feb  3 13:53 last-modified.txt
-rw----- 1 shabir shabir 2.5K Feb  3 13:50 .bash_history
drwxrwxr-x 3 shabir shabir 4.0K Feb  2 15:49 shair
drwx----- 13 shabir shabir 4.0K Feb  2 15:48 .config
-rw-rw-r-- 1 shabir shabir 115 Feb  1 15:04 .apport-ignore.xml
drwx----- 11 shabir shabir 4.0K Feb  1 15:02 .cache
-rw-r--r-- 1 shabir shabir   0 Feb  1 14:52 .sudo_as_admin_successful
drwx----- 2 shabir shabir 4.0K Feb  1 12:55 .ssh
drwxr-xr-x 2 shabir shabir 4.0K Feb  1 12:52 Desktop
drwxr-xr-x 2 shabir shabir 4.0K Feb  1 12:52 Documents
drwxr-xr-x 2 shabir shabir 4.0K Feb  1 12:52 Downloads
drwxr-xr-x 2 shabir shabir 4.0K Feb  1 12:52 Music
drwxr-xr-x 2 shabir shabir 4.0K Feb  1 12:52 Pictures
drwxr-xr-x 2 shabir shabir 4.0K Feb  1 12:52 Public
drwxr-xr-x 2 shabir shabir 4.0K Feb  1 12:52 Templates
drwxr-xr-x 2 shabir shabir 4.0K Feb  1 12:52 Videos
drwx----- 3 shabir shabir 4.0K Feb  1 12:52 .local
-rw-r--r-- 1 shabir shabir 3.7K Feb  1 12:28 .bashrc
-rw-r--r-- 1 shabir shabir 807 Feb  1 12:28 .profile
-rw-r--r-- 1 shabir shabir 220 Feb  1 12:28 .bash_logout
drwxr-xr-x 3 root  root  4.0K Feb  1 12:28 ..
shabir@shabir-VirtualBox:~$
```

3. Explanation:

The objective of the task is achieved by taking help from the documentation of “ls” from the shell. The above output is for the home directory. The `-a` flag is used to get the list of all files with hidden files in a directory. The `-h` flag is used for human-readable format. The `-t` flag is used for the list in recency, the newest file list first. To see the output non-colored, I used the flag `--color=never`.