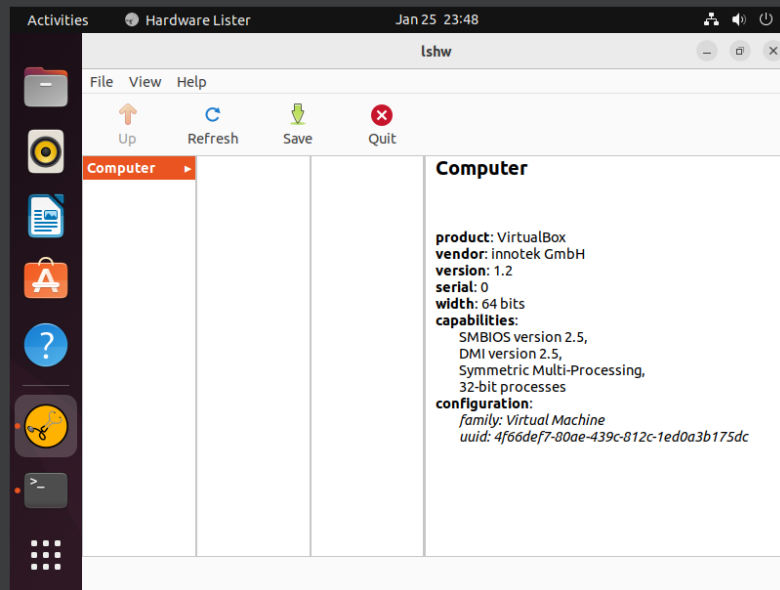


```
Activities Terminal Jan 25 16:27
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/...
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ pwd
/tmp/OS/CWU/LabAssignments/Lab2
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ ls -l
directory1
directory2
ex2.txt
ex3.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ ls -l
total 16
drwxrwxr-x 2 deven deven 4096 Jan 25 15:45 directory1
drwxrwxr-x 2 deven deven 4096 Jan 25 15:45 directory2
-rw-rw-r-- 1 deven deven 16 Jan 25 15:51 ex2.txt
-rw-rw-r-- 1 deven deven 16 Jan 25 15:51 ex3.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ sudo chown root ex2.txt
[sudo] password for deven:
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ ls -l
total 16
drwxrwxr-x 2 deven deven 4096 Jan 25 15:45 directory1
drwxrwxr-x 2 deven deven 4096 Jan 25 15:45 directory2
-rw-rw-r-- 1 root deven 16 Jan 25 15:51 ex2.txt
-rw-rw-r-- 1 deven deven 16 Jan 25 15:51 ex3.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ sudo chown root ex3.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ ls -l
total 16
drwxrwxr-x 2 deven deven 4096 Jan 25 15:45 directory1
drwxrwxr-x 2 deven deven 4096 Jan 25 15:45 directory2
-rw-rw-r-- 1 root deven 16 Jan 25 15:51 ex2.txt
-rw-rw-r-- 1 root deven 16 Jan 25 15:51 ex3.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$
```

```
Activities  Terminal  Jan 25 15:47
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/...
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ nano ex1.txt
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ cat ex1.txt
This is a test.
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ mkdir /directory1
Command 'mkdir' not found, did you mean:
  command 'makedic' from deb makedic (6.5deb2-13)
Try: sudo apt install <deb name>
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ makdir /directory1
Command 'makdir' not found, did you mean:
  command 'mmkdir' from deb mblaze (1.1-1)
  command 'mkdir' from deb coreutils (8.32-4.1ubuntu1)
Try: sudo apt install <deb name>
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ mkdir /directory1
mkdir: cannot create directory '/directory1': Permission denied
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ mkdir /tmp/OS/CWU/LabAssignments/Lab2
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ mkdir /tmp/OS/CWU/LabAssignments/Lab2/directory1
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ mkdir /tmp/OS/CWU/LabAssignments/Lab2/directory2
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ cd /tmp/OS/CWU/LabAssignments/Lab2
bash: cd: /tmp/OS/CWU/LabAssignments/Lab2: No such file or directory
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ cd /tmp/OS/CWU/LabAssignments/Lab2
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments/Lab2$ touch ex2.txt ex3.txt
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments/Lab2$ ls
directory1  directory2  ex2.txt  ex3.txt
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments/Lab2$
```



```
Activities Terminal Jan 25 15:45
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments
deven@deven-VirtualBox:~$ touch ex1.txt
deven@deven-VirtualBox:~$ ls
Desktop Downloads Music Public Templates
Documents ex1.txt Pictures snap Videos
deven@deven-VirtualBox:~$ cd /tmp/OS/CWU/LabAssignments
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ touch ex1.txt
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ ls
ex1.txt
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ nano ex1.txt
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ cat ex1.txt
This is a test.
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ mkdir /directory1
Command 'mkdir' not found, did you mean:
  command 'makedic' from deb makedic (6.5deb2-13)
Try: sudo apt install <deb name>
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ makdir /directory1
Command 'makdir' not found, did you mean:
  command 'mmkdir' from deb mblaze (1.1-1)
  command 'mkdir' from deb coreutils (8.32-4.1ubuntu1)
Try: sudo apt install <deb name>
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ mkdir /directory1
mkdir: cannot create directory '/directory1': Permission denied
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ mkdir /tmp/OS/CWU/LabAssignments/Lab2
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ mkdir /tmp/OS/CWU/LabAssignments/Lab2/directory1
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$ mkdir /tmp/OS/CWU/LabAssignments/Lab2/directory2
deven@deven-VirtualBox:/tmp/OS/CWU/LabAssignments$
```

```

deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments
Preparing to unpack .../menu 2.1.47ubuntu4_amd64.deb ...
Unpacking menu (2.1.47ubuntu4) ...
Setting up menu (2.1.47ubuntu4) ...
Setting up lshw-gtk (02.19.git.2021.06.19.996aaad9c7-2build1) ...
Processing triggers for desktop-file-utils (0.26-1ubuntu3) ...
Processing triggers for gnome-menus (3.36.0-1ubuntu3) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for install-info (6.8-4build1) ...
Processing triggers for mailcap (3.70+nmuiubuntu1) ...
Processing triggers for menu (2.1.47ubuntu4) ...
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ lshw-gtk
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ sudo lshw-gtk
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ chmod u-ex1.txt
chmod: mssing operand after 'u-ex1.txt'
Try 'chmod --help' for more information.
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ chmod u-thatitrumpetguy
ex1.txt
chmod: invalid mode: 'u-thatitrumpetguy'
Try 'chmod --help' for more information.
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ chmod a-r ex1.txt
chmod: cannot access 'ex1.txt': No such file or directory
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ cd /tmp/OS/CWU/LabAssignments
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ ls
ex1.txt  Lab2
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ chmod a-r ex1.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ chmod a-w ex1.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ chmod a-x ex1.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$

```

```

deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/...
Command 'mkdir' not found, did you mean:
  command 'makedic' from deb makedic (6.5deb2-13)
Try: sudo apt install <deb name>
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ mkdir /directory1
Command 'mkdir' not found, did you mean:
  command 'mmkdir' from deb mblaze (1.1-1)
  command 'mkdir' from deb coreutils (8.32-4.1ubuntu1)
Try: sudo apt install <deb name>
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ mkdir /directory1
mkdir: cannot create directory '/directory1': Permission denied
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ mkdir /tmp/OS/CWU/LabAssignments/Lab2
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ mkdir /tmp/OS/CWU/LabAssignments/Lab2/directory1
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ mkdir /tmp/OS/CWU/LabAssignments/Lab2/directory2
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ cd /tmp/OS/CWU/LabAssignments/Lab2
bash: cd: /tmp/OS/CWU/LabAssignments/Lab2: No such file or directory
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ cd /tmp/OS/CWU/LabAssignments/Lab2
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ touch ex2.txt ex3.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ ls
directory1  directory2  ex2.txt  ex3.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ nano ex2.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ nano ex3.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ pwd
/tmp/OS/CWU/LabAssignments/Lab2
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$

```

Activities Terminal Jan 25 16:24

deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/...

```
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ mkdir /tmp/OS/CWU/LabAssignments/Lab2
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ mkdir /tmp/OS/CWU/LabAssignments/Lab2/directory1
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ mkdir /tmp/OS/CWU/LabAssignments/Lab2/directory2
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ cd /tmp/OS/CWU/LabAssignments/Lab2
bash: cd: /tmp/OS/CWU/LabAssignments/Lab2: No such file or directory
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments$ cd /tmp/OS/CWU/LabAssignments/Lab2
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ touch ex2.txt ex3.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ ls
directory1 directory2 ex2.txt ex3.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ nano ex2.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ nano ex3.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ pwd
/tmp/OS/CWU/LabAssignments/Lab2
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$ ls -l
total 16
drwxrwxr-x 2 deven deven 4096 Jan 25 15:45 directory1
drwxrwxr-x 2 deven deven 4096 Jan 25 15:45 directory2
-rw-rw-r-- 1 deven deven 16 Jan 25 15:51 ex2.txt
-rw-rw-r-- 1 deven deven 16 Jan 25 15:51 ex3.txt
deven@deven-VirtualBox: /tmp/OS/CWU/LabAssignments/Lab2$
```

