

Activities Terminal Jan 23 19:45

kat@kat-VirtualBox: ~/Desktop/LabAssignments/Lab2

```
kat@kat-VirtualBox:~$ cd Desktop
kat@kat-VirtualBox:~/Desktop$ mkdir LabAssignments
kat@kat-VirtualBox:~/Desktop$ cd LabAssignments
kat@kat-VirtualBox:~/Desktop/LabAssignments$ mkdir Lab2
kat@kat-VirtualBox:~/Desktop/LabAssignments$ cd Lab2
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$ touch ex1.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$ echo 'This is a test' > ex1.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$
```

Activities Text Editor Jan 23 19:46

\*ex1.txt  
~/Desktop/LabAssignments/Lab2 Save

```
1 This is a test
```

Plain Text Tab Width: 8 Ln 1, Col 1 INS

Activities Terminal Jan 23 19:51

kat@kat-VirtualBox: ~/Desktop/LabAssignments/Lab2

```
kat@kat-VirtualBox:~$ cd Desktop/LabAssignments/Lab2
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$ cat ex1.txt
This is a test.
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$
```

Activities Terminal Jan 23 19:54

kat@kat-VirtualBox: ~/Desktop/LabAssignments/Lab2

GNU nano 6.2 ex1.txt \*

```
This is a test.
```

[ Read 2 lines ]

^G Help	^O Write Out	^W Where Is	^K Cut	^T Execute
^X Exit	^R Read File	^_ Replace	^U Paste	^J Justify

Activities Terminal Jan 23 20:07

kat@kat-VirtualBox: ~/Desktop/LabAssignments/directory1

```
Thunderbird Mail jox:~$ cd Desktop/LabAssignments
kat@kat-VirtualBox:~/Desktop/LabAssignments$ mkdir directory1
kat@kat-VirtualBox:~/Desktop/LabAssignments$ mkdir directory2
kat@kat-VirtualBox:~/Desktop/LabAssignments$ cd directory1
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory1$ touch ex2.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory1$ nano ex2.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory1$ cat ex2.txt
This is a test.
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory1$
```

Activities Terminal Jan 23 20:06

kat@kat-VirtualBox: ~/Desktop/LabAssignments/directory1

GNU nano 6.2 ex2.txt \*

This is a test.

Rhythmbox

[ New File ]

^G Help	^O Write Out	^W Where Is	^K Cut	^T Execute
^X Exit	^R Read File	^_ Replace	^U Paste	^J Justify

```
Activities Terminal Jan 23 20:09
kat@kat-VirtualBox: ~/Desktop/LabAssignments/directory2

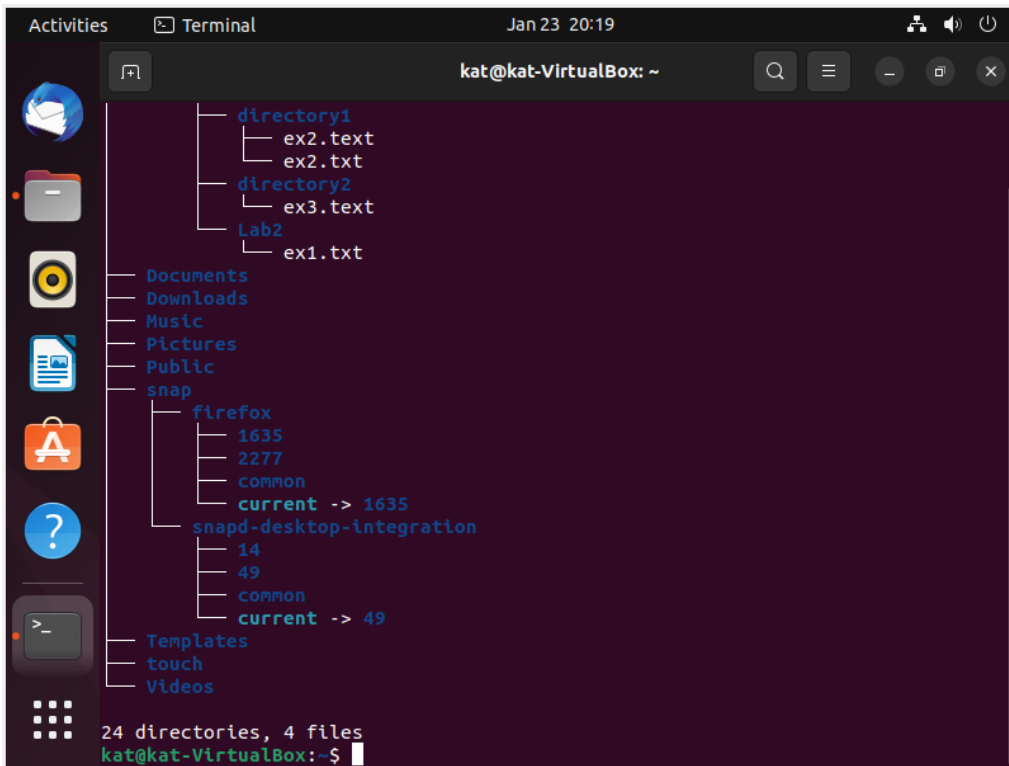
kat@kat-VirtualBox:~$ cd Desktop/LabAssignments
kat@kat-VirtualBox:~/Desktop/LabAssignments$ mkdir directory1
kat@kat-VirtualBox:~/Desktop/LabAssignments$ mkdir directory2
kat@kat-VirtualBox:~/Desktop/LabAssignments$ cd directory1
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory1$ touch ex2.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory1$ nano ex2.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory1$ cat ex2.txt
This is a test.
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory1$ cd -
/home/kat/Desktop/LabAssignments
kat@kat-VirtualBox:~/Desktop/LabAssignments$ cd directory2
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory2$ touch ex3.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory2$ echo 'This is a test' >
ex3.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory2$ cat ex3.txt
cat: ex3.txt: No such file or directory
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory2$
```

```
Activities Terminal Jan 23 20:11
kat@kat-VirtualBox: ~/Desktop/LabAssignments/directory1

kat@kat-VirtualBox:~$ cd Desktop/LabAssignments
kat@kat-VirtualBox:~/Desktop/LabAssignments$ mkdir directory1
kat@kat-VirtualBox:~/Desktop/LabAssignments$ mkdir directory2
kat@kat-VirtualBox:~/Desktop/LabAssignments$ cd directory1
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory1$ touch ex2.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory1$ nano ex2.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory1$ cat ex2.txt
This is a test.
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory1$ cd -
/home/kat/Desktop/LabAssignments
kat@kat-VirtualBox:~/Desktop/LabAssignments$ cd directory2
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory2$ touch ex3.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory2$ echo 'This is a test' >
ex3.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory2$ cat ex3.txt
cat: ex3.txt: No such file or directory
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory2$ pwd
/home/kat/Desktop/LabAssignments/directory2
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory2$ cd -
/home/kat/Desktop/LabAssignments
kat@kat-VirtualBox:~/Desktop/LabAssignments$ pwd
/home/kat/Desktop/LabAssignments
kat@kat-VirtualBox:~/Desktop/LabAssignments$ cd directory1
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory1$ pwd
/home/kat/Desktop/LabAssignments/directory1
kat@kat-VirtualBox:~/Desktop/LabAssignments/directory1$
```

```
Activities Terminal Jan 23 20:17
kat@kat-VirtualBox: ~/Desktop/LabAssignments/Lab2
kat@kat-VirtualBox:~$ cd Desktop/LabAssignments
kat@kat-VirtualBox:~/Desktop/LabAssignments$ ls
directory1 directory2 Lab2
kat@kat-VirtualBox:~/Desktop/LabAssignments$ cd Lab2
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$ ls
ex1.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$ ls -l
total 4
-rw-rw-r-- 1 kat kat 17 Jan 23 19:50 ex1.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$ sudo chown kat ex1.txt
[sudo] password for kat:
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$ ls -l
total 4
-rw-rw-r-- 1 kat kat 17 Jan 23 19:50 ex1.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$
```

```
Activities Terminal Jan 23 20:19
kat@kat-VirtualBox: ~
kat@kat-VirtualBox:~$ tree
.
├── Desktop
│   └── LabAssignments
│       ├── directory1
│       │   ├── ex2.txt
│       │   └── ex2.txt
│       ├── directory2
│       │   └── ex3.txt
│       └── Lab2
│           └── ex1.txt
├── Documents
├── Downloads
├── Music
├── Pictures
├── Public
├── snap
│   ├── firefox
│   │   ├── 1635
│   │   ├── 2277
│   │   ├── common
│   │   └── current -> 1635
│   └── snapd-desktop-integration
│       ├── 14
│       ├── 49
│       ├── common
│       └── current -> 49
├── Templates
└── touch
```



Activities System Profiler and Benchmark Jan 23 10:31

### Devices - Memory - System Information

Information View Help

Refresh Generate Report Copy to Clipboard

Computer

Summary

Operating System

Kernel Modules

Boots

Languages

Filesystems

Display

Environment Variables

Development

Users

Groups

Devices

Processor

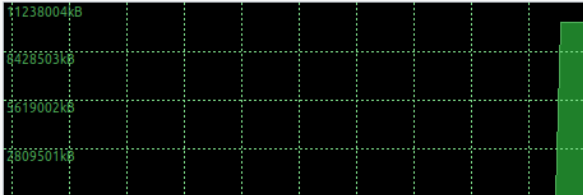
Memory

PCI Devices

USB Devices

Printers

Field	Description	Value
MemTotal	Total Memory	11238004 KiB
MemFree	Free Memory	9565388 KiB
MemAvailable		10160196 KiB
Buffers		39004 KiB
Cached		793088 KiB
SwapCached	Cached Swap	0 KiB
Active		248964 KiB
Inactive		1202492 KiB
Active(anon)		1904 KiB
Inactive(anon)		645916 KiB
Active(file)		247060 KiB



Done.

Activities System Profiler and Benchmark Jan 23 10:31

### Devices - Processor - System Information

Information View Help

Refresh Generate Report Copy to Clipboard

Computer

Summary

Operating System

Kernel Modules

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Filesystems

Display

Environment Variables

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PCI Devices

USB Devices

Printers

#### Package Information

Intel(R) Core(TM) i7-10700F CPU @ 2.90GHz	0:0	0	2904.00 MHz
Intel(R) Core(TM) i7-10700F CPU @ 2.90GHz	0:1	1	2904.00 MHz
Intel(R) Core(TM) i7-10700F CPU @ 2.90GHz	0:2	2	2904.00 MHz
Intel(R) Core(TM) i7-10700F CPU @ 2.90GHz	0:3	3	2904.00 MHz
Intel(R) Core(TM) i7-10700F CPU @ 2.90GHz	0:4	4	2904.00 MHz
Intel(R) Core(TM) i7-10700F CPU @ 2.90GHz	0:5	5	2904.00 MHz
Intel(R) Core(TM) i7-10700F CPU @ 2.90GHz	0:6	6	2904.00 MHz
Intel(R) Core(TM) i7-10700F CPU @ 2.90GHz	0:7	7	2904.00 MHz

#### Package Information

Name	Intel(R) Core(TM) i7-10700F CPU @ 2.90GH
Topology	1 physical processor; 8 cores; 8 threads
Logical CPU Config	8x 2904.00 MHz

#### Clocks

0.00-0.00 MHz	8x
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#### Caches

Level 1 (Data)	8x 32KB (256KB), 8-way set-associative, 64
Level 1 (Instruction)	8x 32KB (256KB), 8-way set-associative, 64

Done.



Activities Terminal Jan 23 20:25

kat@kat-VirtualBox: ~/Desktop/LabAssignments/Lab2

```
kat@kat-VirtualBox:~$ cd Desktop/LabAssignments/Lab2
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$ ls -l
total 4
-rw-rw-r-- 1 kat kat 17 Jan 23 19:50 ex1.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$ chmod u-w ex1.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$ ls -l
total 4
-r--rw-r-- 1 kat kat 17 Jan 23 19:50 ex1.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$ chmod u+w ext1.txt
chmod: cannot access 'ext1.txt': No such file or directory
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$ chmod u+w ex1.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$ ls -l
total 4
-rw-rw-r-- 1 kat kat 17 Jan 23 19:50 ex1.txt
kat@kat-VirtualBox:~/Desktop/LabAssignments/Lab2$
```