

```
!# Lab5
```

Question1

```
1: tdw@cis106-desktop: /dev/cpu/0 ~$ pwd  
/home/tdw  
tdw@cis106-desktop:~$ cd /usr/share/themes/  
tdw@cis106-desktop:/usr/share/themes$ pwd  
/usr/share/themes  
tdw@cis106-desktop:/usr/share/themes$ cd /dev/cpu/0  
tdw@cis106-desktop:/dev/cpu/0$
```

]

```
1: tdw@cis106-desktop: ~/Documents ~$ cd  
tdw@cis106-desktop:~/dev/cpu/0$ cd Downloads/  
tdw@cis106-desktop:~/Downloads$ cd ../../  
tdw@cis106-desktop:~/home$ pwd  
/home  
tdw@cis106-desktop:~/home$ cd ~/Downloads  
tdw@cis106-desktop:~/Downloads$ cd ~/Documents  
tdw@cis106-desktop:~/Documents$
```

Question2

```

1: tdw@cis106-desktop:~/lab5files ~
2: tdw@cis106-desktop:~ ~
the command line
--dereference-command-line-symlink-to-dir
follow each command line symbolic
link that points to a directory
--hide=PATTERN
do not list implied entries matching
shell PATTERN (overridden by
-a or -A)
--hyperlink[=WHEN]
hyperlink file names WHEN
--indicator-style=WORD
append indicator with style WORD
to entry names: none (default),
slash (-P), file-type
(--file-type), classify (-F)
-i, --inode
print the index number of each
file
-I, --ignore=PATTERN
do not list implied entries matching
shell PATTERN
-k, --kibibytes
default to 1024-byte blocks for
file system usage; used only with
-s and per directory totals
-l use a long listing format
-L, --dereference
Manual page ls(1) line 98 (press h for help or q to quit)

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```

![SS.3] (lablsend.png)

Question3

```
1/1 ✓ + ⌂ □ Tiliix:tdw@cis106-desktop: ~/marstenHouse
1:tdw@cis106-desktop:~/marstenHouse ~
cis-106 Desktop Downloads file lab5files.zip marstenhouse.sh name Pictures Public snap Templates Videos
tdw@cis106-desktop:$ cd marstenHouse/
tdw@cis106-desktop:$ tr
tr tracerproto.db traceroute6 traceroute.db transset tree true trust
tracerproto traceroute traceroute6.db traceroute-nanog trap troff truncate tryaffix
tdw@cis106-desktop:$ tree
:
└── foyer
    ├── kitchen
    │   ├── attic
    │   ├── basement
    │   ├── living_room
    │   └── master_bedroom
7 directories, 0 files
tdw@cis106-desktop:$ tree -a
:
└── foyer
    ├── kitchen
    │   ├── attic
    │   ├── basement
    │   ├── .key5
    │   ├── living_room
    │   │   ├── .key4
    │   │   └── master_bedroom
    │   └── .key1
    └── .key2
    └── .key3
7 directories, 5 files
tdw@cis106-desktop:$ ls -a
. .key1 .key2 .key3
tdw@cis106-desktop:$ realpath .key2
/home/tdw/marstenHouse/.key2
tdw@cis106-desktop:$ realpath .key3
/home/tdw/marstenHouse/.key3
tdw@cis106-desktop:$
tdw@cis106-desktop:~/marstenHouse$
```

```
1/1 ✓ + ⌂ □ Tiliix:tdw@cis106-desktop: ~/marstenHouse
1:tdw@cis106-desktop:~/marstenHouse ~
:
└── foyer
    ├── kitchen
    │   ├── attic
    │   ├── basement
    │   ├── living_room
    │   └── master_bedroom
7 directories, 0 files
tdw@cis106-desktop:$ tree -a
:
└── foyer
    ├── kitchen
    │   ├── attic
    │   ├── basement
    │   ├── .key5
    │   ├── living_room
    │   │   ├── .key4
    │   │   └── master_bedroom
    │   └── .key1
    └── .key2
    └── .key3
7 directories, 5 files
tdw@cis106-desktop:$ ls -a
. .key1 .key2 .key3
tdw@cis106-desktop:$ realpath .key2
/home/tdw/marstenHouse/.key2
tdw@cis106-desktop:$ realpath .key3
/home/tdw/marstenHouse/.key3
tdw@cis106-desktop:$ realpath foyer/kitchen/.key5
/home/tdw/marstenHouse/foyer/kitchen/.key5
tdw@cis106-desktop:$ realpath foyer/kitchen/living_room/.key4
tdw@cis106-desktop:$ realpath foyer/kitchen/master_bedroom/.key1
/home/tdw/marstenHouse/foyer/kitchen/master_bedroom/.key1
tdw@cis106-desktop:$
tdw@cis106-desktop:~/marstenHouse$
```