



Lab 2

CS 5-1 - BSCS – Operating System Lab

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In this Lab we have used linuxjourney.com and from that we have practiced grasshopper category that includes getting started and command line section. We have executed all the commands on our linux terminal and attached the screenshots. We have also completed the quizzes given at the end of each command.

Ubuntu 24.04.1 LTS

```
12 cd ~
13 cd -
14 ls
15 ls /home/sharaiz
16 ls /home/sharaiz
17 ls -a
18 ls -t
19 ls -l
20 ls -la
21 touch mysuperduperfile
22 touch sharaiz
23 ls -l
24 file sharaiz.jpg
25 less
26 less /home/sharaiz
27 history
28 clear
29 cd ~
30 mv oldfile newfile
31 mkdir Sharaiztest Testfile
32 mkdir Sharaiz
33 sudo root
34 rm sharaiz
35 ls
36 ls ~
37 rm -f sharaiz
38 rm -i sharaiz
39 rm -r sharaiz
40 rmdir sharaiz
41 fin
42 find
43 clear
44 history
45 clear
46 help echo
47 echo --help
48 help
49 man ls
50 man
51 man man
52 whatis cat
53 alias fb='ls -la'
54 fb
55 ~/.bashrc
```

Ubuntu 24.04.1 LTS

```
41 fin
42 find
43 clear
44 history
45 clear
46 help echo
47 echo --help
48 help
49 man ls
50 man
51 man man
52 whatis cat
53 alias fb='ls -la'
54 fb
55 ~/.bashrc
56 unalias fb
57 fb
58 exit
59 history
sharaiz@Sharaiz-PC:~$
```

Select Ubuntu 24.04.1 LTS

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

```
sharaiz@Sharaiz-PC:~$ history
1 su -
2 htop
3 sudo apt root
4 clfr
5 clr
6 clear
7 pwd
8 cd
9 cd .
10 cd ..
11 cd .~
12 cd ~
13 cd -
14 ls
15 ls/home/sharaiz
16 ls /home/sharaiz
17 ls -a
18 ls -1
19 ls -l
20 ls -la
21 touch mysuperduperfile
22 touch sharaiz
23 ls -l
24 file sharaiz.jpg
25 less
26 less /home/sharaiz
27 history
28 clear
29 cp -r
30 mv oldfile newfile
31 mkdir Sharaiztest Testfile
32 mkdir Sharaiz
33 sudo root
34 rm sharaiz
35 ls
36 ls ~
37 rm -f sharaiz
38 rm -i sharaiz
39 rm -r sharaiz
40 rmdir sharaiz
```

Quiz

What should be outputted to the display when you type `echo Hello World`?

Check
Answer

✓ Correct answer!

Quiz

How do I find what directory you are currently in?

Check
Answer

✓ Correct answer!

Quiz

If you are in `/home/pete/Pictures` and wanted to go to `/home/pete`, what's a good shortcut to use?

Check
Answer

✓ Correct answer!

Quiz

What command would you use to see hidden files?

Check
Answer

✓ Correct answer!

Quiz

How do you create a file called 'myfile'?

Check
Answer

✓ Correct answer!

Continue

Quiz

What command can you use to find the file type of a file?

Check
Answer

✓ Correct answer!

Quiz

What's a good way to see the contents of a file?

Check
Answer

✓ Correct answer!

Quiz

How do you quit out of a 'less' command?

Check
Answer

✓ Correct answer!

Quiz

What is the command to clear the terminal?

Check
Answer

✓ Correct answer!

Quiz

What flag do you need to specify to copy over a directory?

Check
Answer

✓ Correct answer!

Continue

Quiz

How do you rename a file called `cat` to `dog`?

Check
Answer

✓ Correct answer!

Quiz

What command is used to make a directory?

mkdir

Check
Answer

✓ Correct answer!

Continue

Quiz

How do you remove a file called `myfile`?

Check
Answer

✓ Correct answer!

Quiz

What option should I specify for `find` if I want to search by name?

Check
Answer

✓ Correct answer!

Quiz

How do you get quick command-line help for built-in Bash commands?

Check
Answer

✓ Correct answer!

Quiz

How do you see the manuals for a command?

Check
Answer

✓ Correct answer!

Continue

Quiz

What command can you use to see a small description of a command?

Check
Answer

✓ Correct answer!

Continue

Quiz

What command is used to make an alias?

Check
Answer

✓ Correct answer!