

Name: \_\_\_\_\_

GitHub User Name: \_\_\_\_\_

**Turn this sheet to your instructor at the end of the laboratory for grading.**

1. (5 pts.) How do you display which users are logged into the machine in front of you?
  
  
  
  
  
  
  
  
  
  
2. (5 pts.) If a directory contains another directory X, then X is a \_\_\_\_\_ of its parent.
  
  
  
  
  
  
  
  
  
  
3. (5 pts.) The command to list all of the files in your current directory is
  
  
  
  
  
  
  
  
  
  
4. (5 pts.) The command to list all of the files in your current directory with the `.doc` extension is the following:
  
  
  
  
  
  
  
  
  
  
5. (5 pts) Issue the commands  
  
`cd`  
`pwd`  
  
What is displayed in the terminal?
  
  
  
  
  
  
  
  
  
  
6. (10 pts.) Issue the commands  
  
`cd`  
`ls ..`  
  
Describe (in general terms) what is displayed in the terminal?
  
  
  
  
  
  
  
  
  
  
7. (10 pts.) As mentioned in the lab instruction sheet, the command `cd .` does nothing. Explain why this is the case?

8. (10 pts.) Write the Linux shell command to copy a file `gcd.cc` to a file named `gcd1.cc`. (Assume that you have `gcd.cc` file in your current directory)

9. (5 pts.) What command do we use to run the C++ compiler?

10. (10 pts.) Issue the command

```
cd  
ls > file.out
```

Now, issue the command `more file.out` What do you see? Why did this occur?

Explain.

11. (10 pts.) If you want to compile the program `program.cc`, what command would you issue?

12. (5 pts) What files did you see?

13. (5 pts) What **new** file did you see?

14. (5pts) Give the *exact* output after you issue the command `more lab1.out`

15. (3 points) Submit your program "lab1.cc" to Blackboard under lab1.

16. (2 points) What is your GitHub user name?