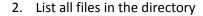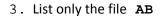Name _____

Mohawk Valley Community College
CI 132 Lab 10

Provide the command necessary to solve the following problems. The command string provided should be in its <u>simplest possible form</u> (don't use two commands or arguments where one will accomplish the task).

1. Change to the directory /opt/ci132/data/lab10/. Sample files for questions 2 through 8 can be found here.

For questions 2 through 7, assume you are in a directory containing only the following files:
    A   A*   AB   ABC   AC   AD   BB   BC   BD   BE   BF
Provide the shortest possible one argument command to accomplish the stated goals for the following seven questions.

2. List all files in the directory

3. List only the file **AB**

4. List only the files **AB**, **AC**, **AD**, and **A***

5. List only the files **AB** and **A***

6. List only the file **A***

7. List all files containing a **B** in their name

8. List only the files   **BB**, **BC**, **BD**, and **BE**

9. List all files in your home directory with the file extension `.core`. This command must be executable from anywhere on the system.

10. List all files in `/usr/bin/` with 4 character file names

11. List all files in `/usr/bin/` with at least 4 character file names

12. List all files in `/usr/bin/` with names that begin with `s` <u>and</u> end in `t`

13. List all files in `/usr/bin/` with names that end with `a` <u>or</u> `z` using a single argument

14. List all files in `/usr/bin/` beginning with a lowercase letter

15. Identify the files in `/usr/bin/` which do not begin with the letters `a` or `b`

16. List all files in **/opt/ci132/submit/** containing the string **lab2** in the file name

17. List all files in **/opt/ci132/submit/** containing your username in the file name

18. List all files in **/opt/ci132/submit/** and **/opt/ci132/graded/** containing your username in the filename using a single command.

19. List all labs numbered **1** through **6** in **/opt/ci132/submit/** and **/opt/ci132/graded/** containing your username in the filename using a single command. Review this list to identify any files included only in the submit directory. At this point, any files omitted from the graded directory were not accepted for grading.

20. The **ls** command's **--ignore** option is a handy way to display files *except* for those matching a specified pattern. Execute **ls -l --ignore=ci132-lab{1..15}-[a-z0-9-]*.pdf** in the directory /opt/ci132/submit to see which labs do not follow our naming convention and will not be accepted for grading. Appropriately rename any files which belong to you.