LP ASSIGNMENT 2

1.

- pwd - shows the present working directory.
- whoami - shows the current logged-in user.
- hostname - shows the name of the computer or system.

2.
mkdir /home/student/project
cd /home/student/project
touch file1.txt file2.txt file3.txt

3.

- Absolute path - the full path from the root directory /.
  Example: /home/student/project/file1.txt
- Relative path - the path from the current directory.
  Example: ./project/file1.txt

4.

- Command: history
- It shows the list of commands you have executed earlier.

5.

- find - searches files/directory by scanning the whole filesystem.
- locate - searches using a pre-built database
- locate is faster because it uses an index instead of searching every   directory.

6.

- Command - chmod
- Example:
  chmod 755 file1.txt

7.

- - - normal file.
- rw- - owner can read and write.
- r - - - others can only read.

8.

- chown - changes the ownership of a file.

- Example: chown user1 file1.txt
- chgrp - changes the group ownership of a file.
- Example: chgrp students file1.txt

9.
- Command:
  chmod 644 file1.txt
- This means: owner can read read or write whereas other can only   read.

10.
- Command:
- man <command>
- Example: man ls (show the manual for ls command).