1. **Navigation**:
   * **cd [directory]**: Change current directory.
   * **pwd**: Print working directory.
   * **ls [options] [directory]**: List files and directories.
   * **mkdir [directory]**: Create a new directory.
   * **touch [file]**: Create a new file.
2. **File Operations**:
   * **cp [source] [destination]**: Copy files or directories.
   * **mv [source] [destination]**: Move or rename files or directories.
   * **rm [file]**: Remove a file.
   * **rmdir [directory]**: Remove an empty directory.
   * **rm -r [directory]**: Remove a directory and its contents.
3. **Text Editing**:
   * **nano [file]**: Open the Nano text editor.
   * **vim [file]**: Open the Vim text editor.
   * **cat [file]**: Display the contents of a file.
   * **echo [text]**: Print text to the console.
4. **File Permissions**:
   * **chmod [permissions] [file]**: Change file permissions.
   * **chown [user:group] [file]**: Change file ownership.
5. **Searching and Filtering**:
   * **grep [pattern] [file]**: Search for a pattern in a file.
   * **find [path] -name "[pattern]"**: Search for files or directories.
6. **Process Management**:
   * **ps**: List running processes.
   * **kill [PID]**: Terminate a process with a specific PID.
   * **killall [process\_name]**: Terminate all processes with a specific name.
7. **Archives and Compression**:
   * **tar -cvf [archive\_name.tar] [files]**: Create a tar archive.
   * **tar -xvf [archive\_name.tar]**: Extract files from a tar archive.
   * **gzip [file]**: Compress a file using gzip.
   * **gunzip [file.gz]**: Decompress a gzip-compressed file.
8. **Networking**:
   * **ping [host]**: Ping a host to test network connectivity.
   * **ifconfig**: Display network interface information.
   * **netstat**: Display network connections and statistics.
9. **User Management**:
   * **whoami**: Display the current username.
   * **who**: Display information about logged-in users.
   * **sudo [command]**: Execute a command with superuser privileges.
10. **System Information**:
    * **uname -a**: Display system information.
    * **df -h**: Display disk space usage.
    * **free -h**: Display memory usage.
11. **Redirection and Pipes**:
    * **command > [file]**: Redirect output to a file.
    * **command >> [file]**: Append output to a file.
    * **command1 | command2**: Pipe the output of command1 as input to command2.