

**Lab 7**  
**08/12/2021**  
**OS, CSE SEM V**

Screenshot of all the commands should be saved.

1. Write a C program to implement `cat file.txt | grep abc`
2. Write a C program to implement bidirectional communication using pipe.
3. Write a C program to implement `man ls | grep ls | wc -l`
4. Write a C program to communicate between two unrelated processes using named pipe.
5. Write a C program to implement bidirectional communication between two processes using named pipe.
6. How named pipe can be implemented using commands. Explain on hard copy. Writes the commands.