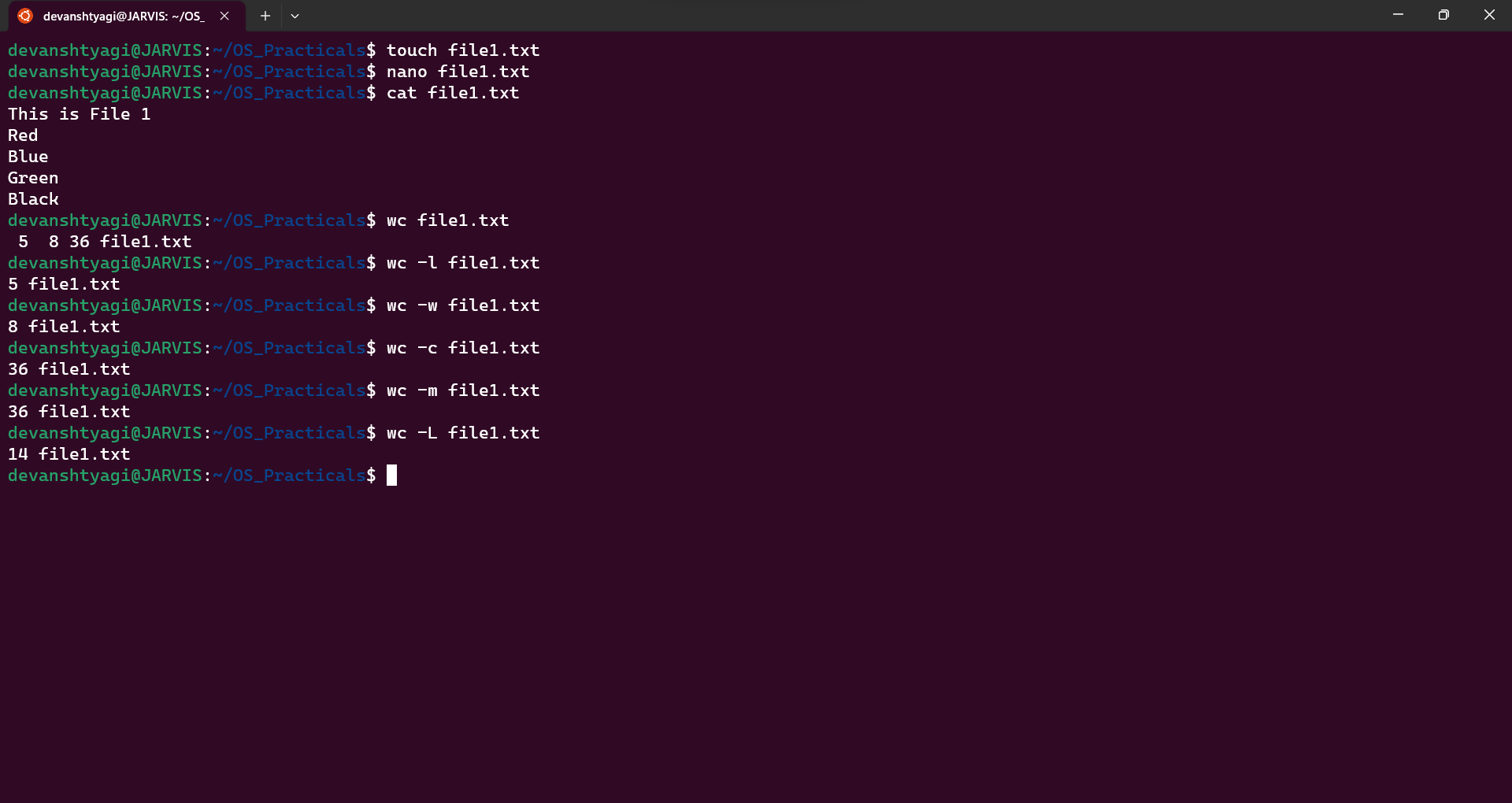
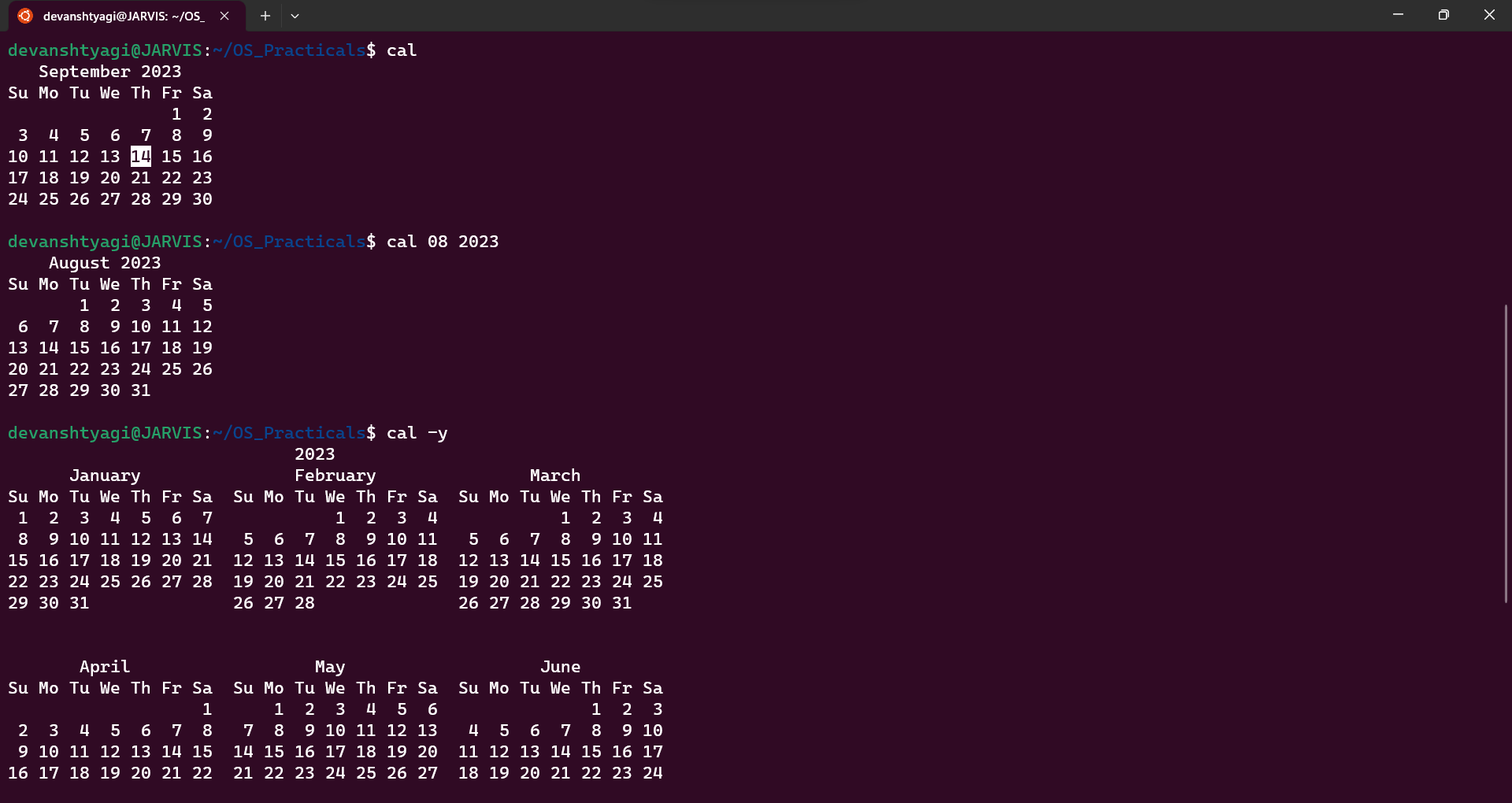
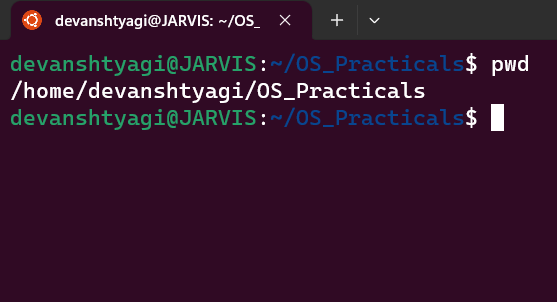
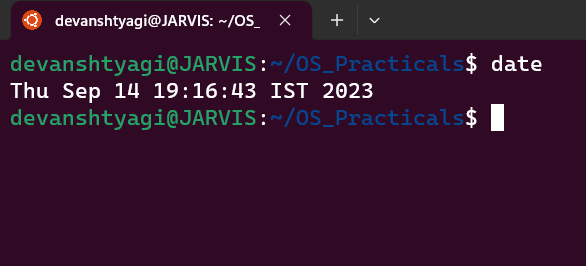
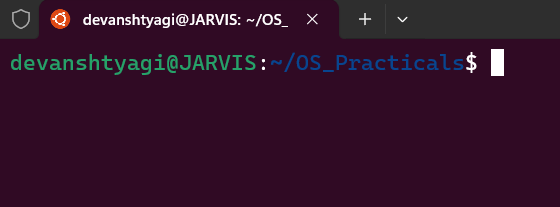
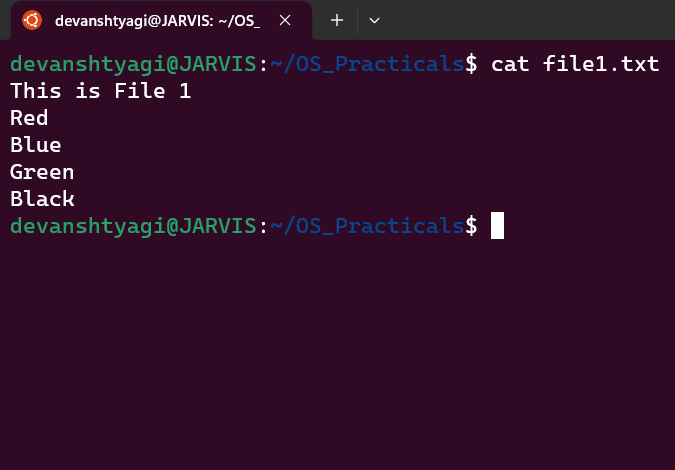
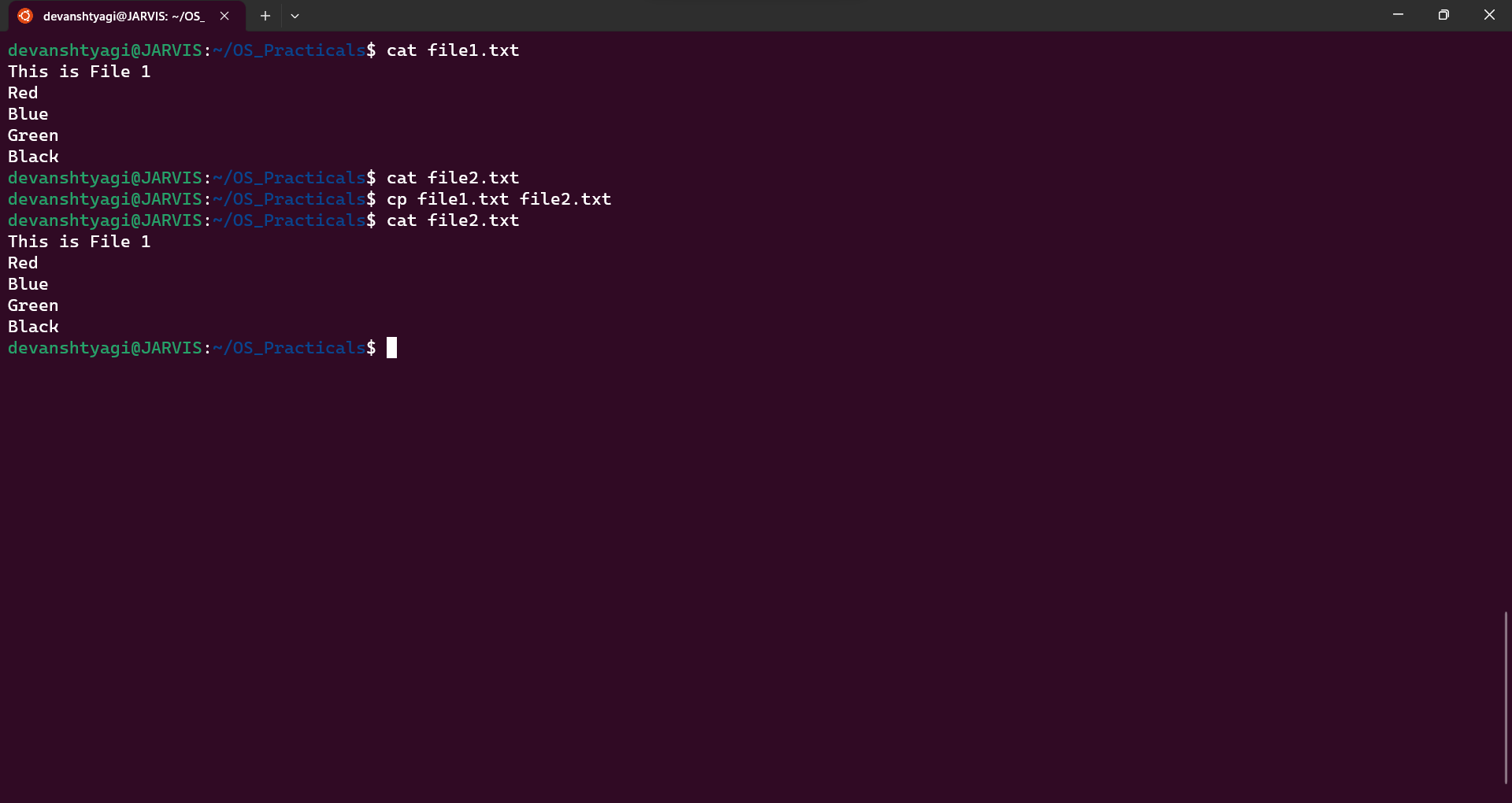
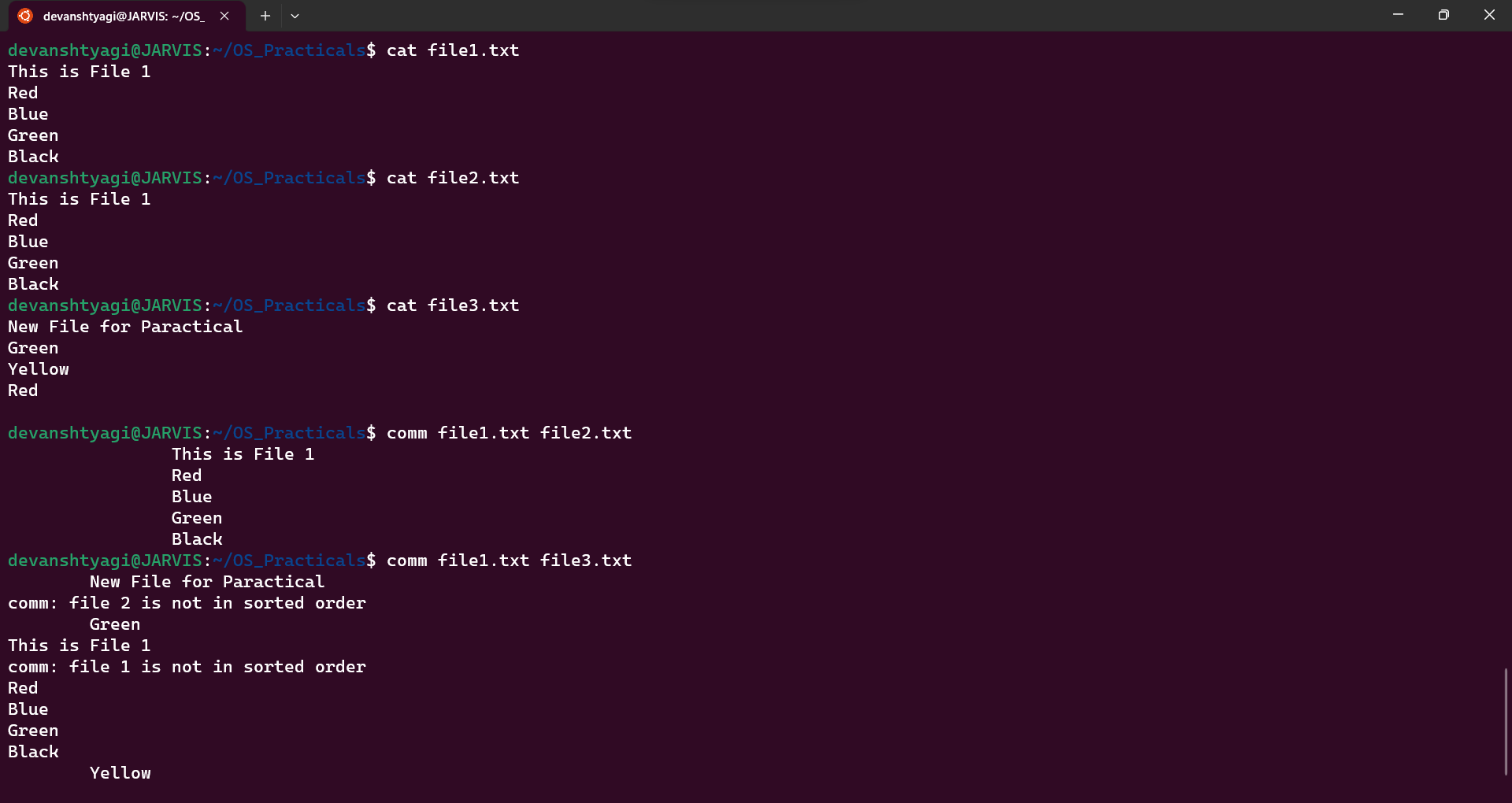
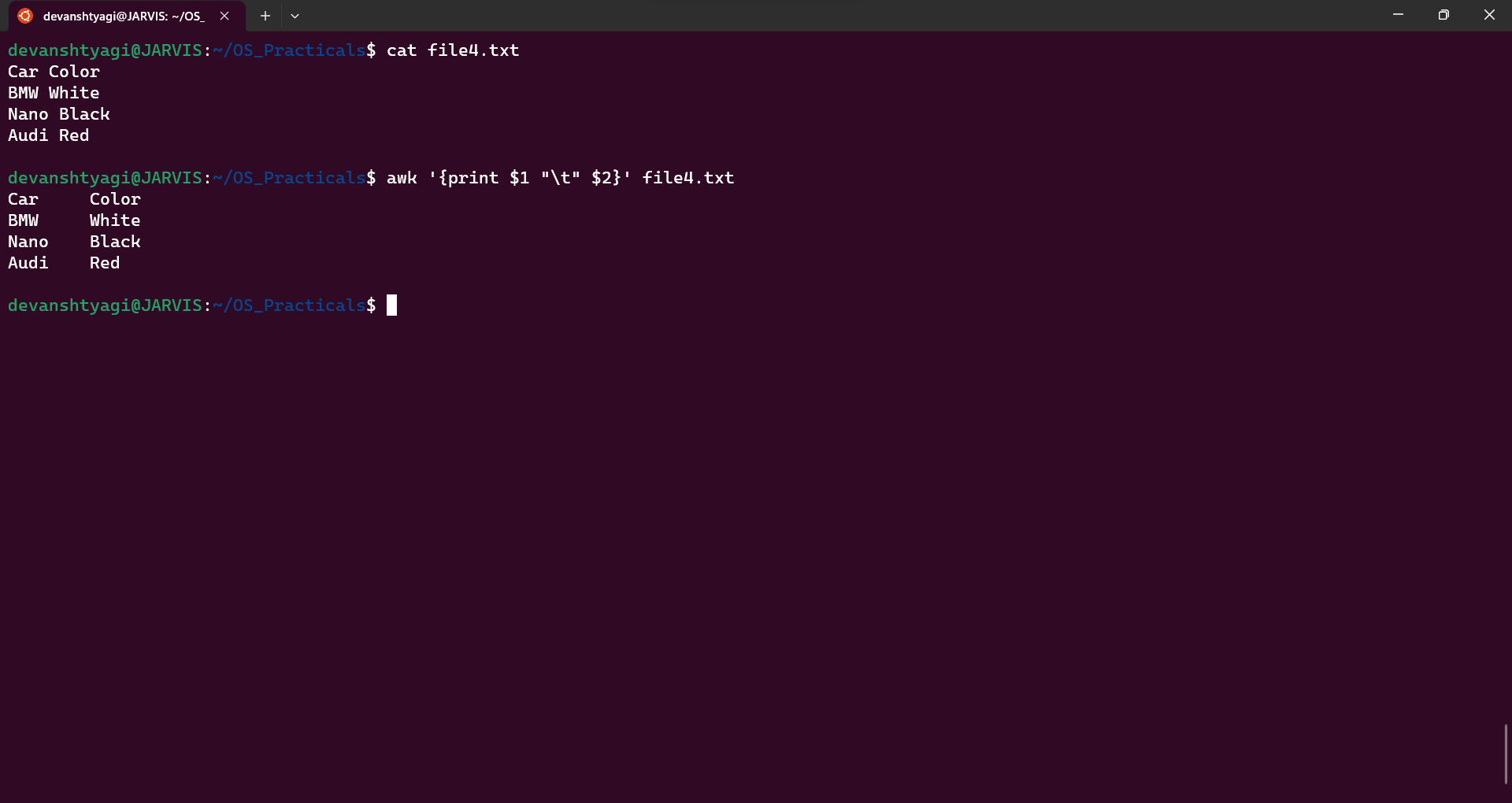
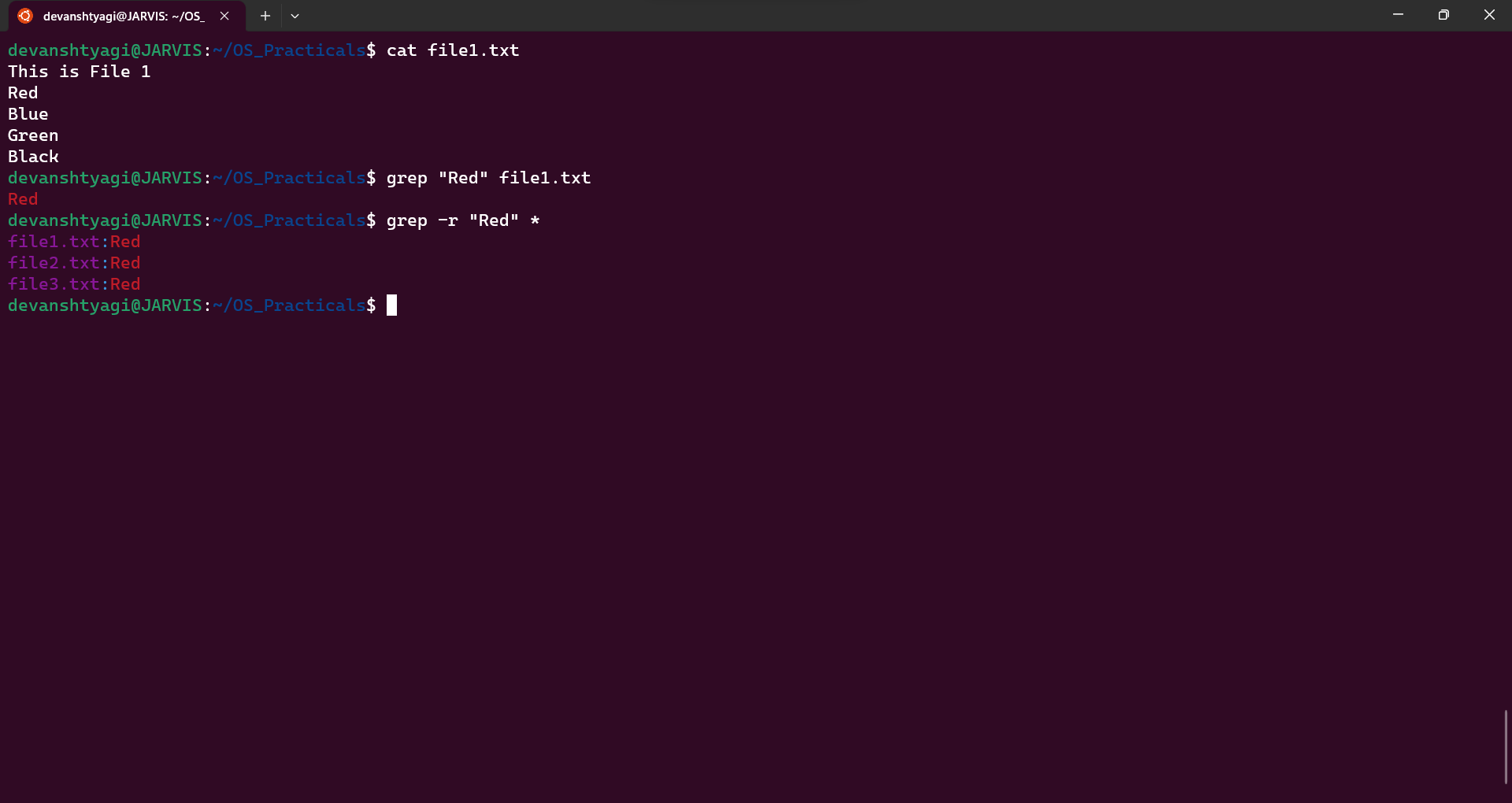
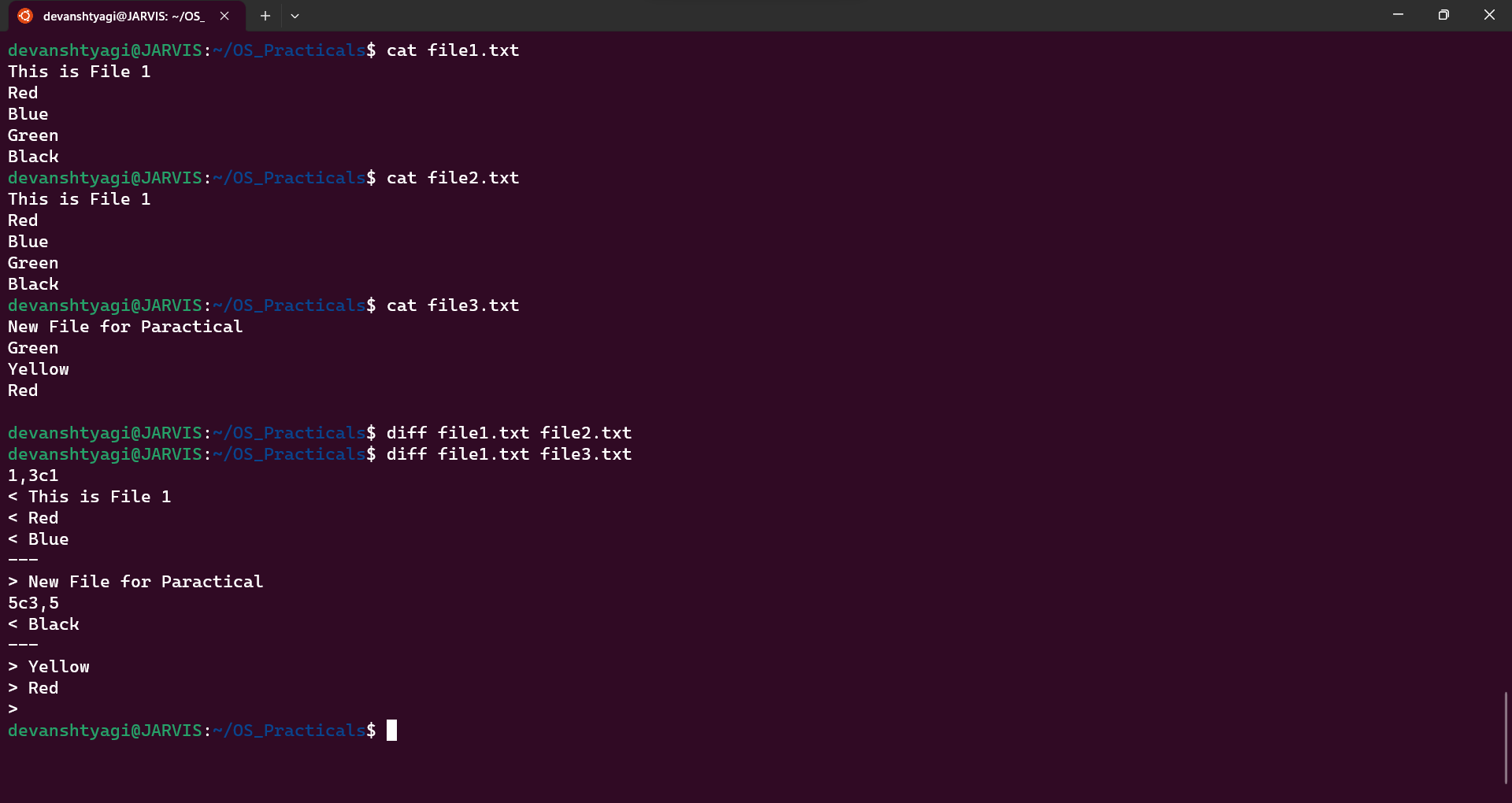
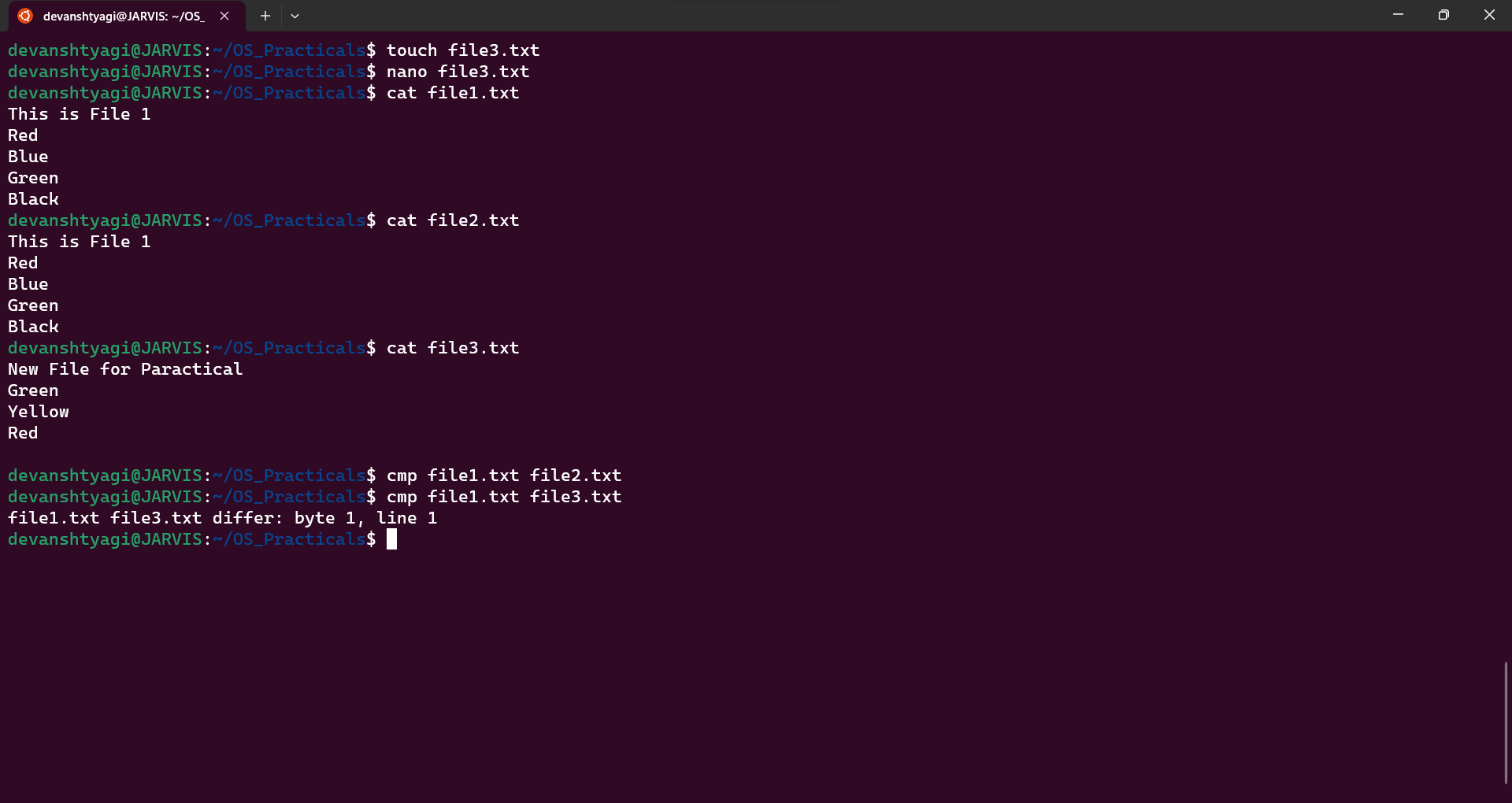
1. Execute various LINUX commands for:

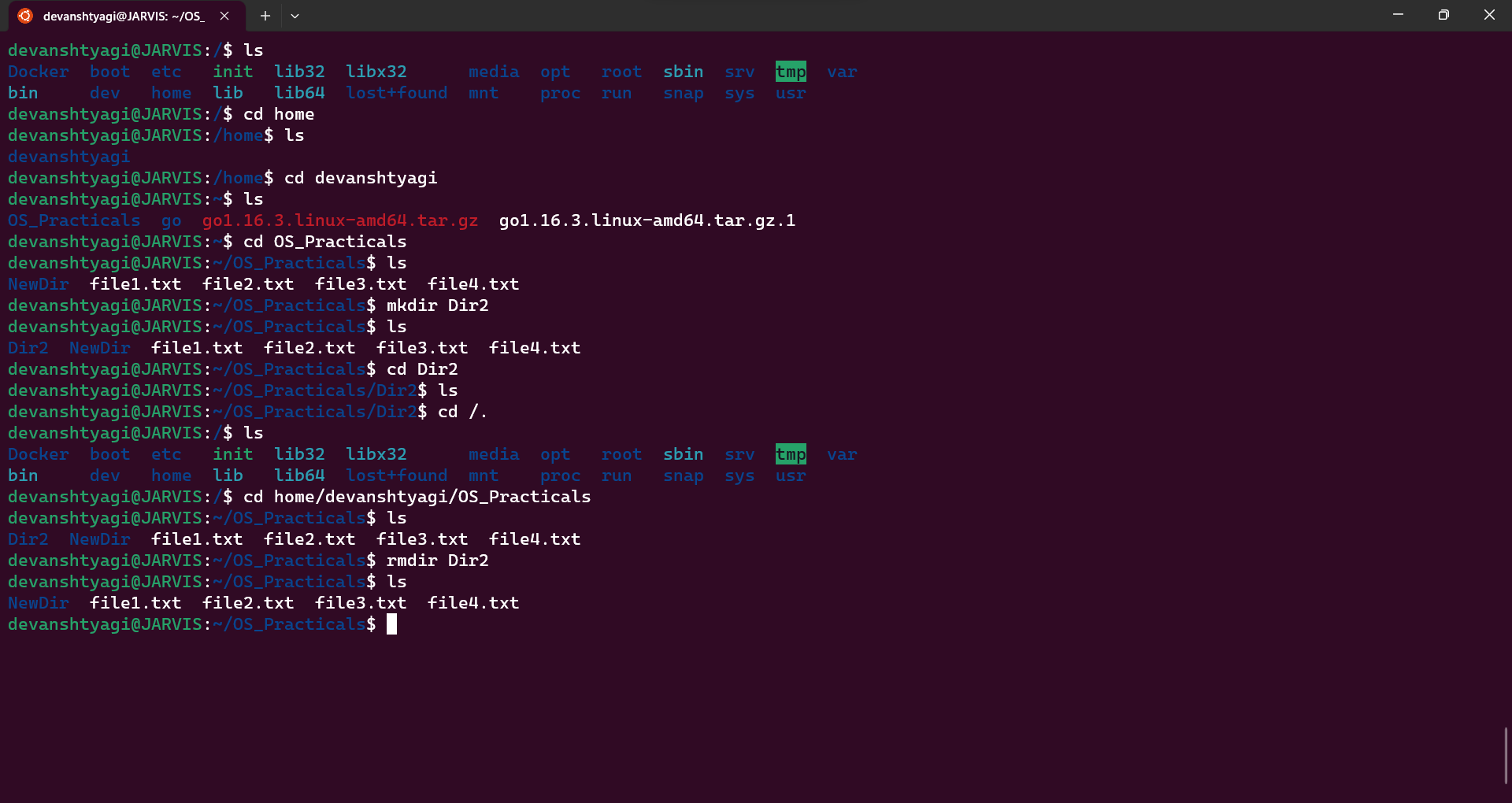
i. Information Maintenance: wc, clear, cal, who, date, pwd

ii. File Management: cat, cp, rm, mv, cmp, comm, diff, find, grep, awk

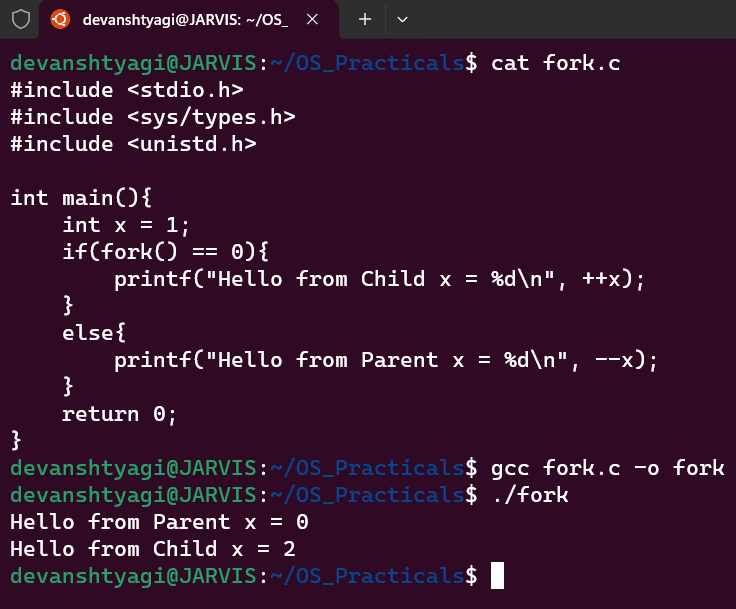
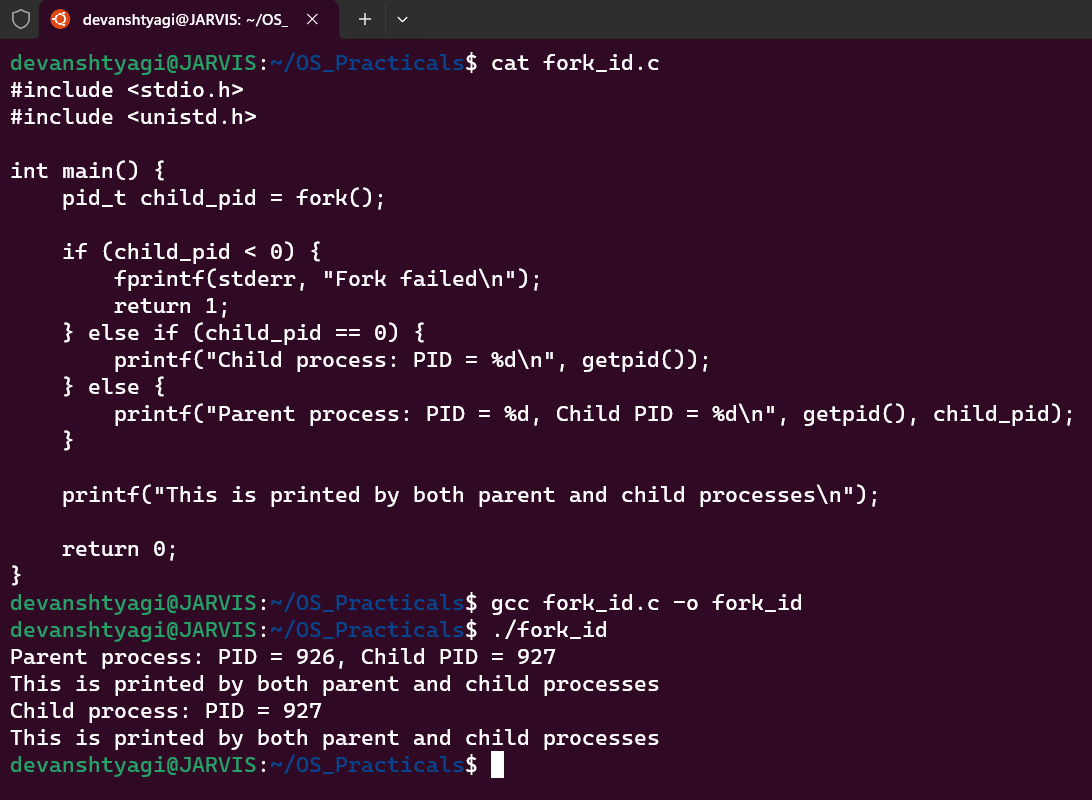
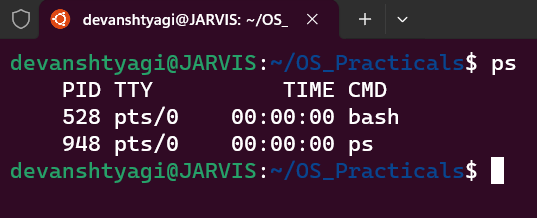
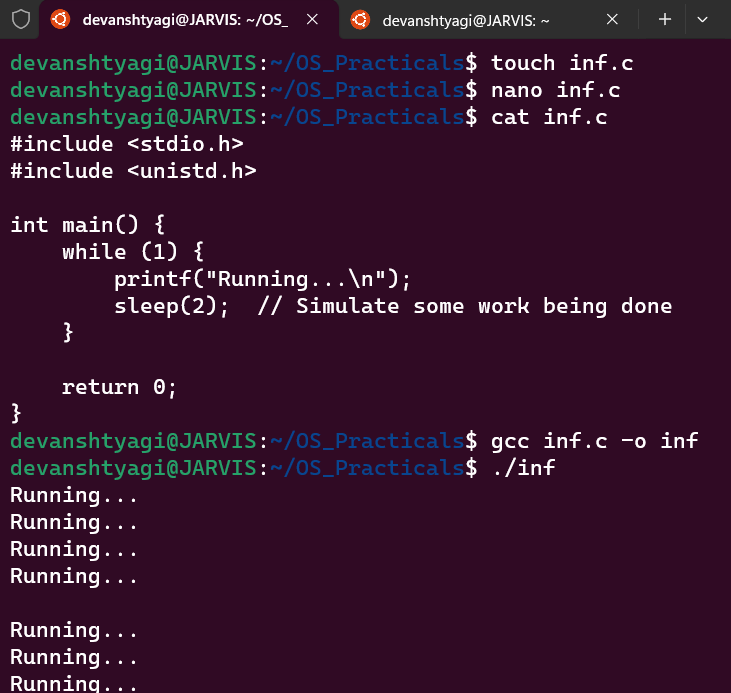
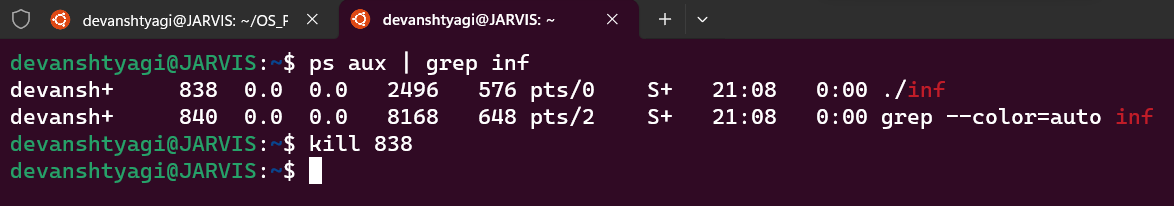
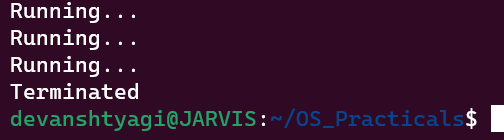
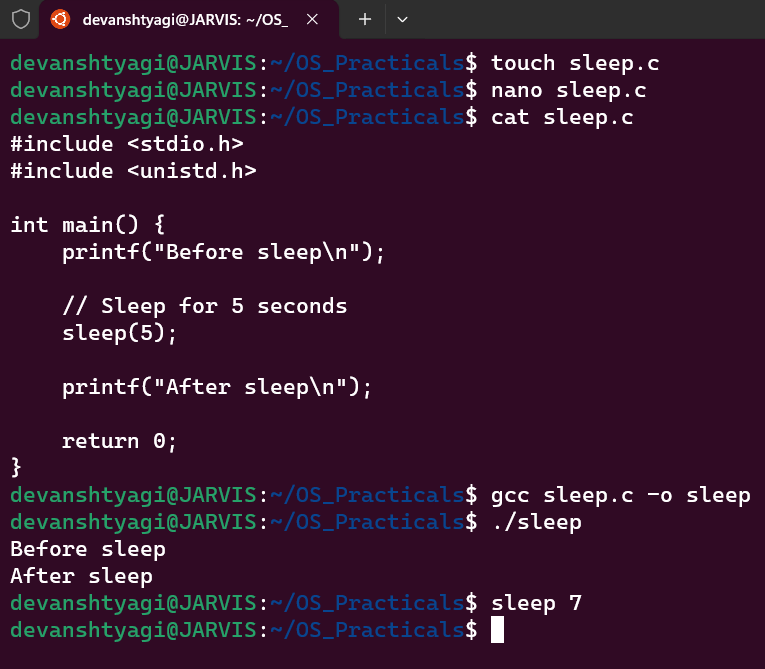
     

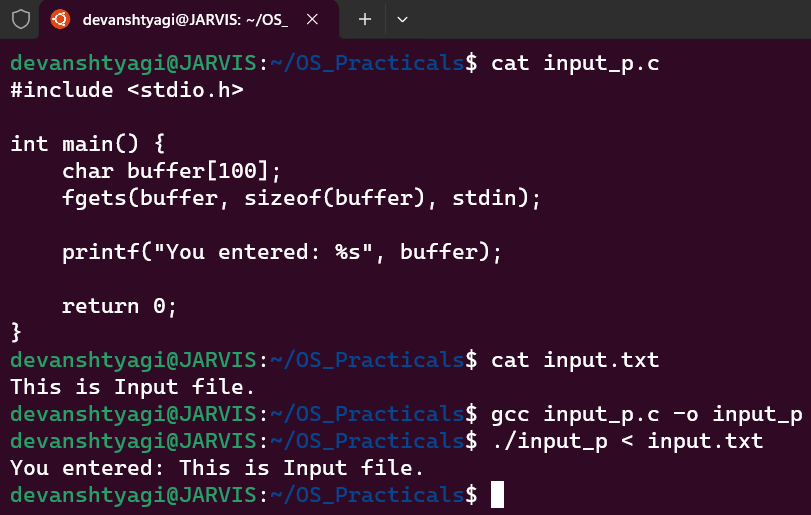
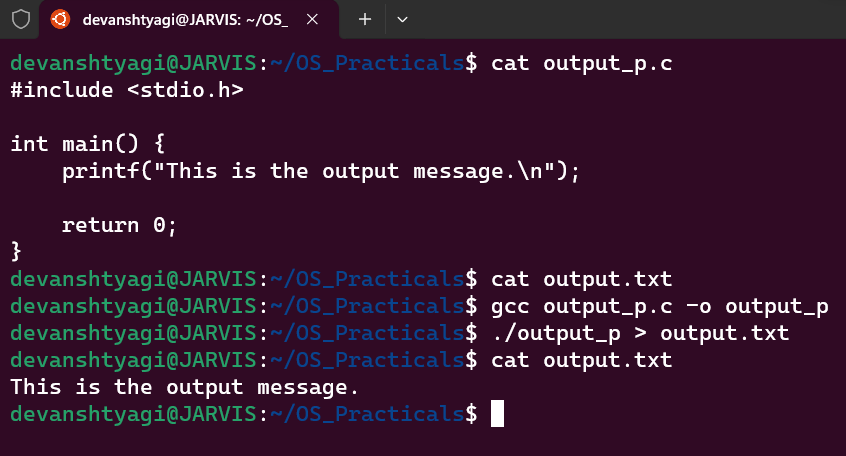
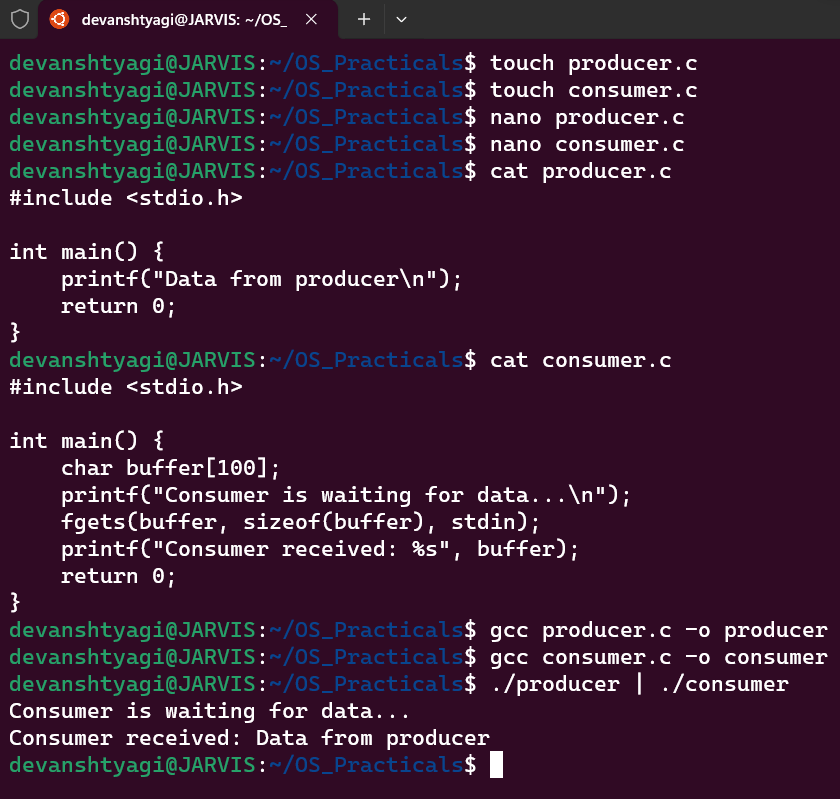
iii. Directory Management : cd, mkdir, rmdir, ls



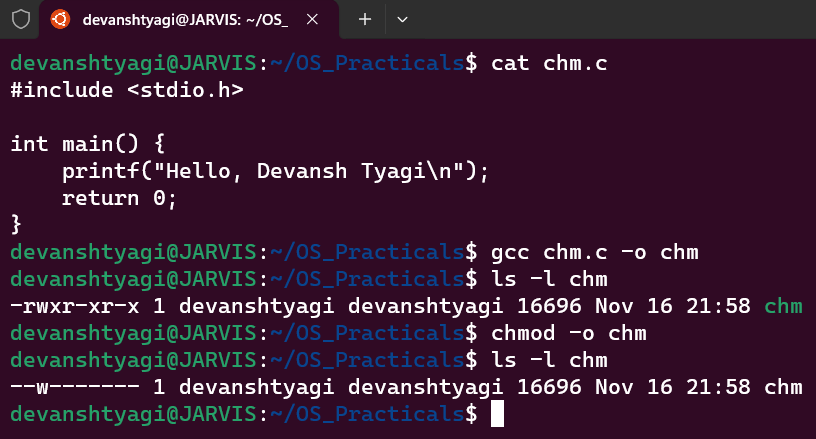
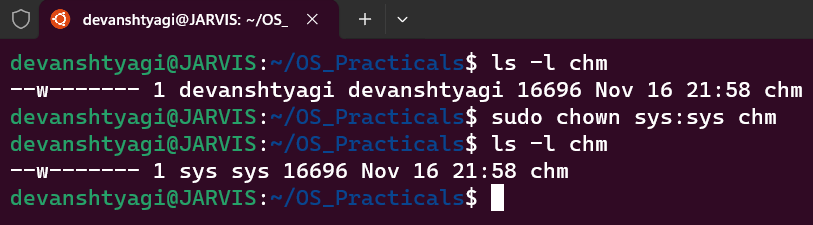
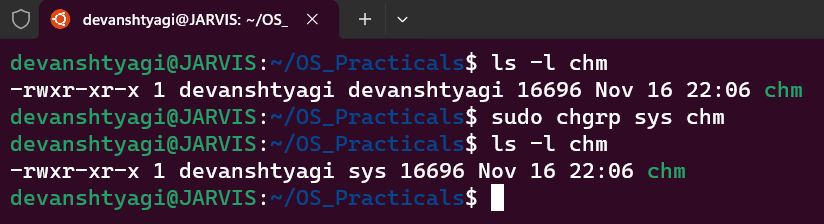
2. Execute various LINUX commands for:

i. Process Control: fork, getpid, ps, kill, sleep

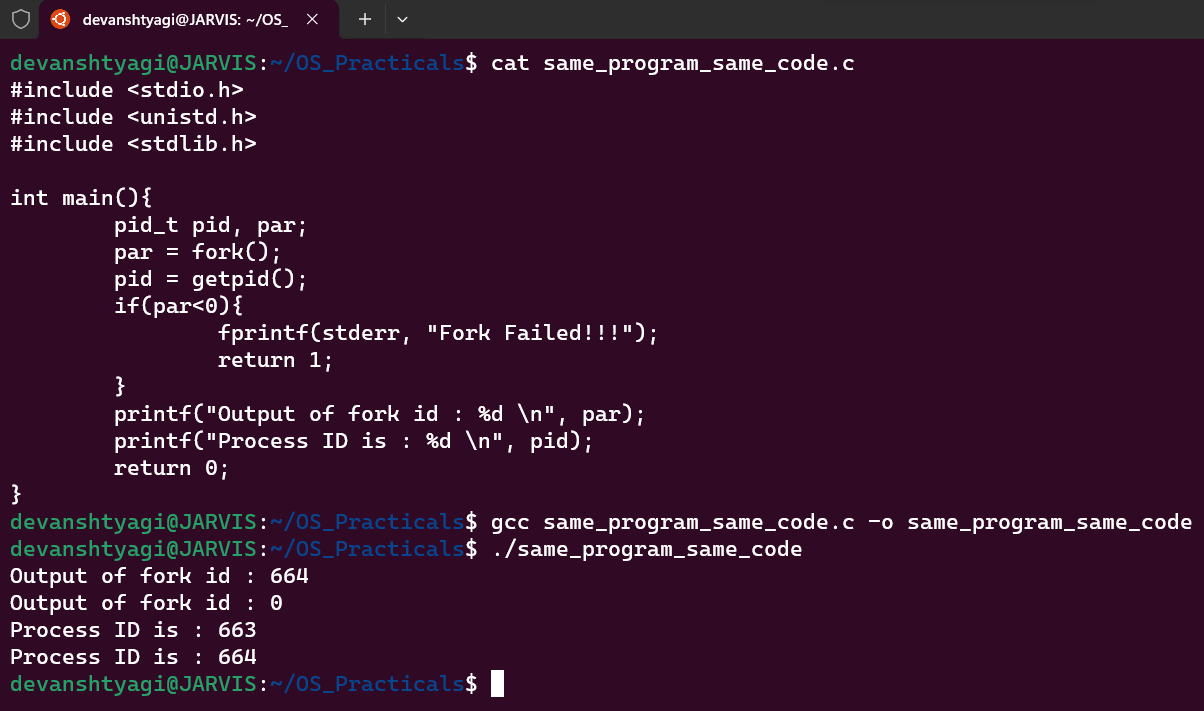
ii. Communication: Input-output redirection, Pipe  

iii. Protection Management: chmod, chown, chgrp

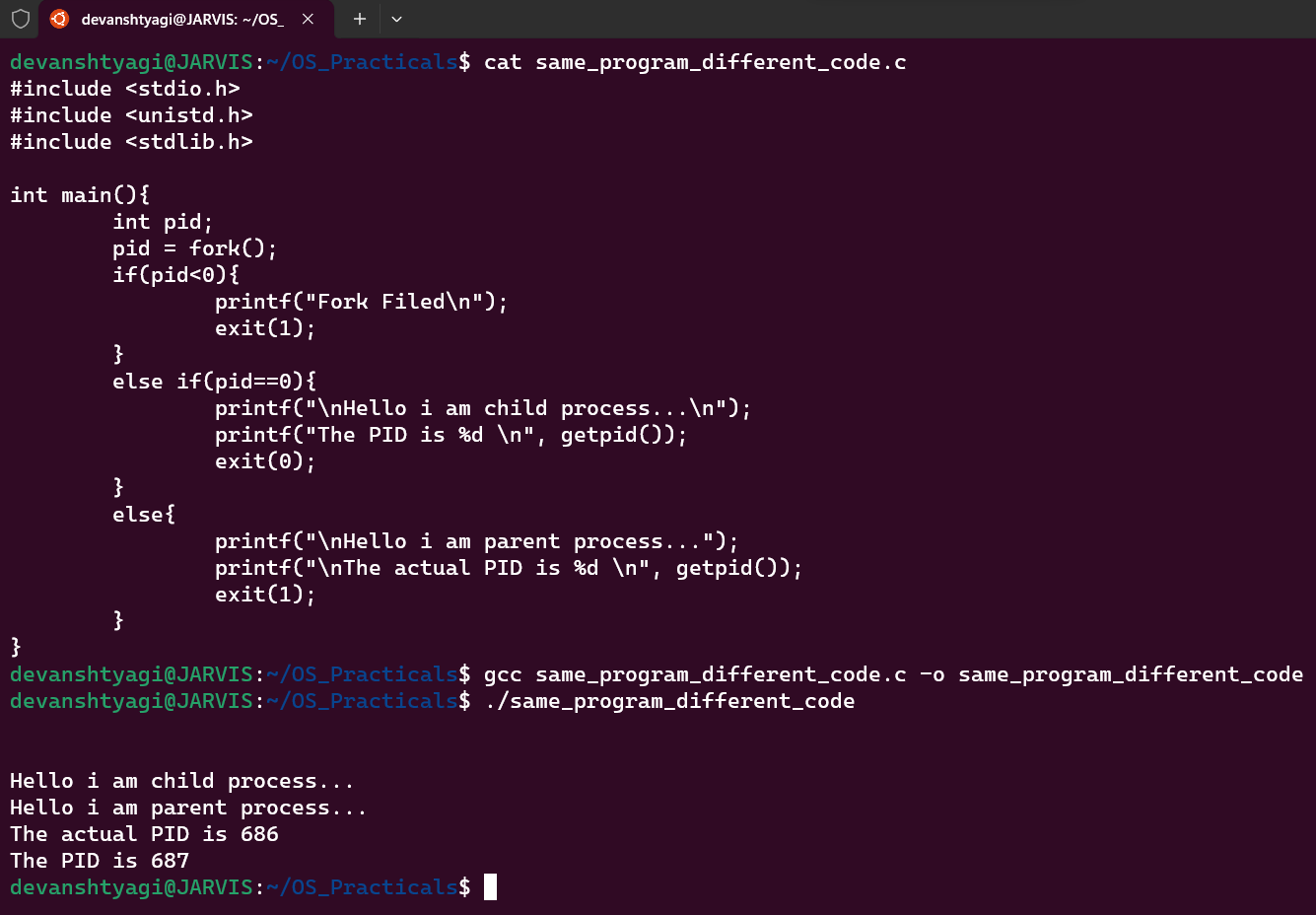
  

3. Write a program(using fork() and/or exec() commands) where parent and child execute:

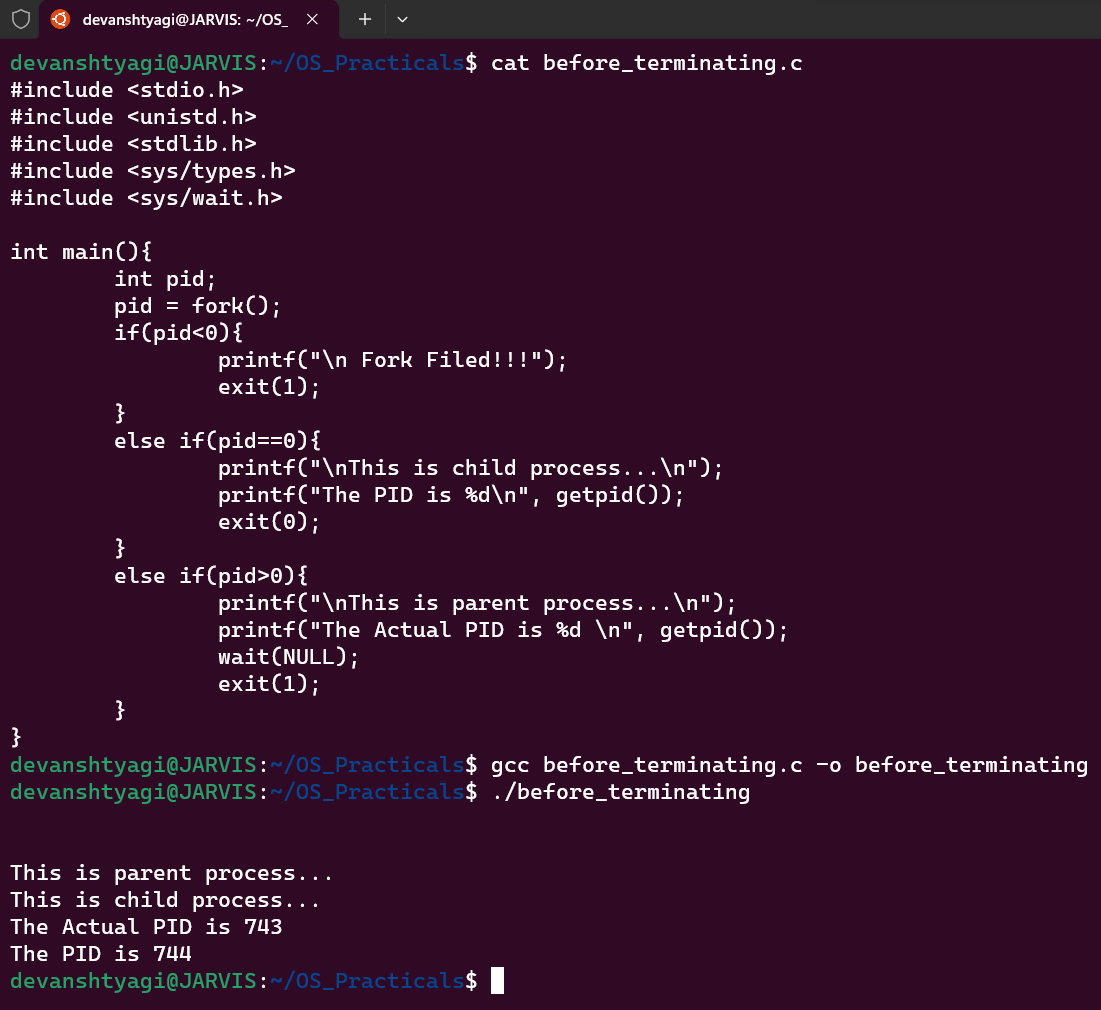
i. same program, same code.



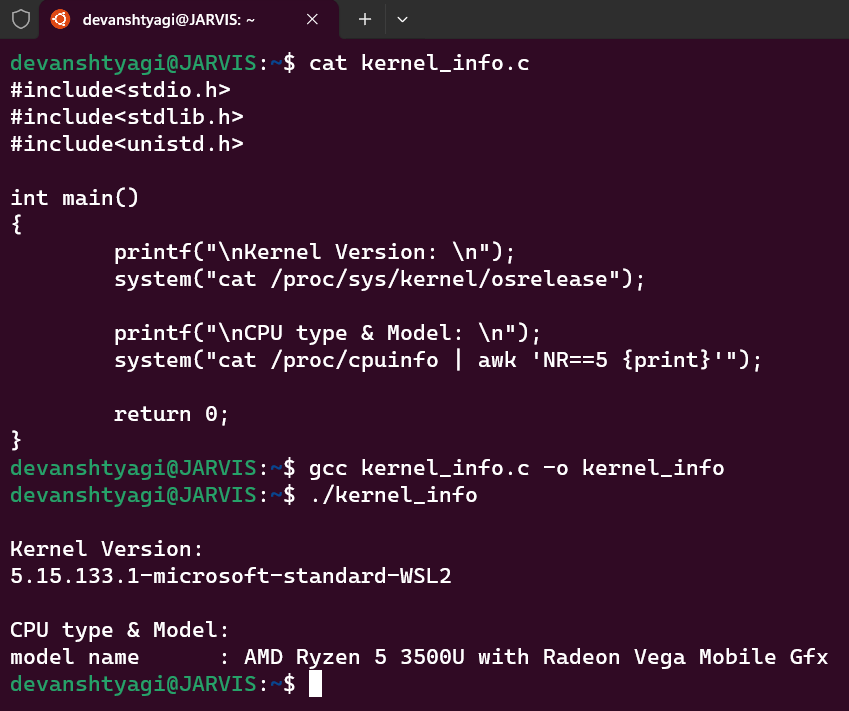
ii. same program, different code.



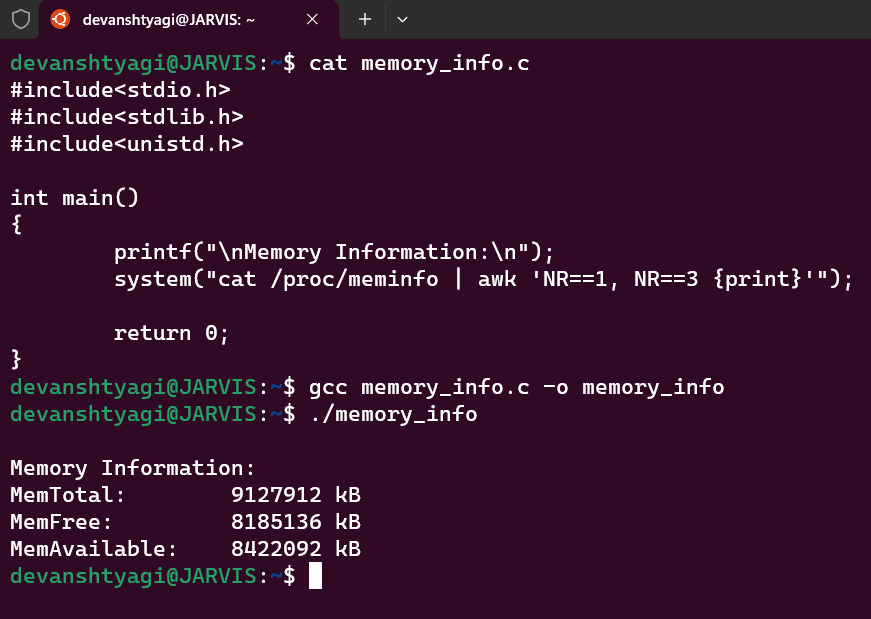
iii. before terminating, the parent waits for the child to finish its task.

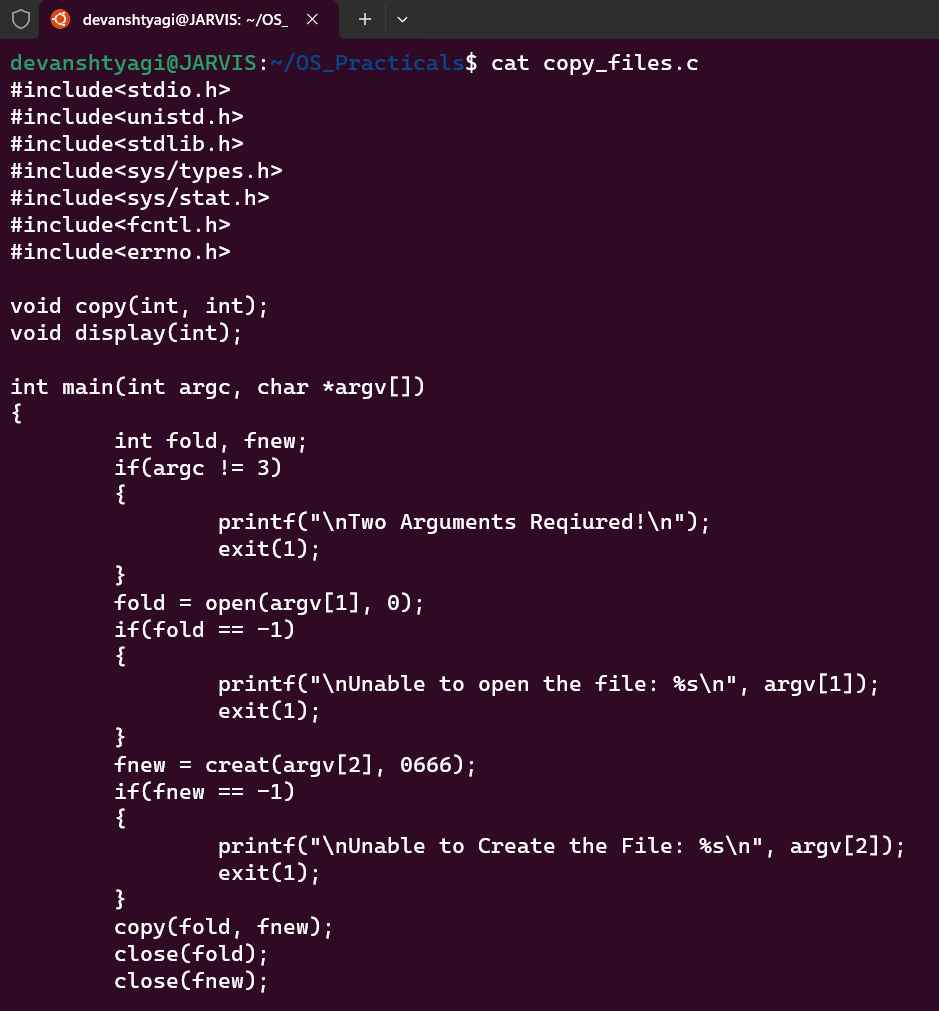
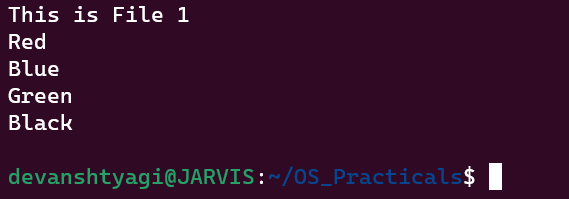


4. Write a program to report behaviour of Linux kernel including kernel version, CPU type and model. (CPU information)

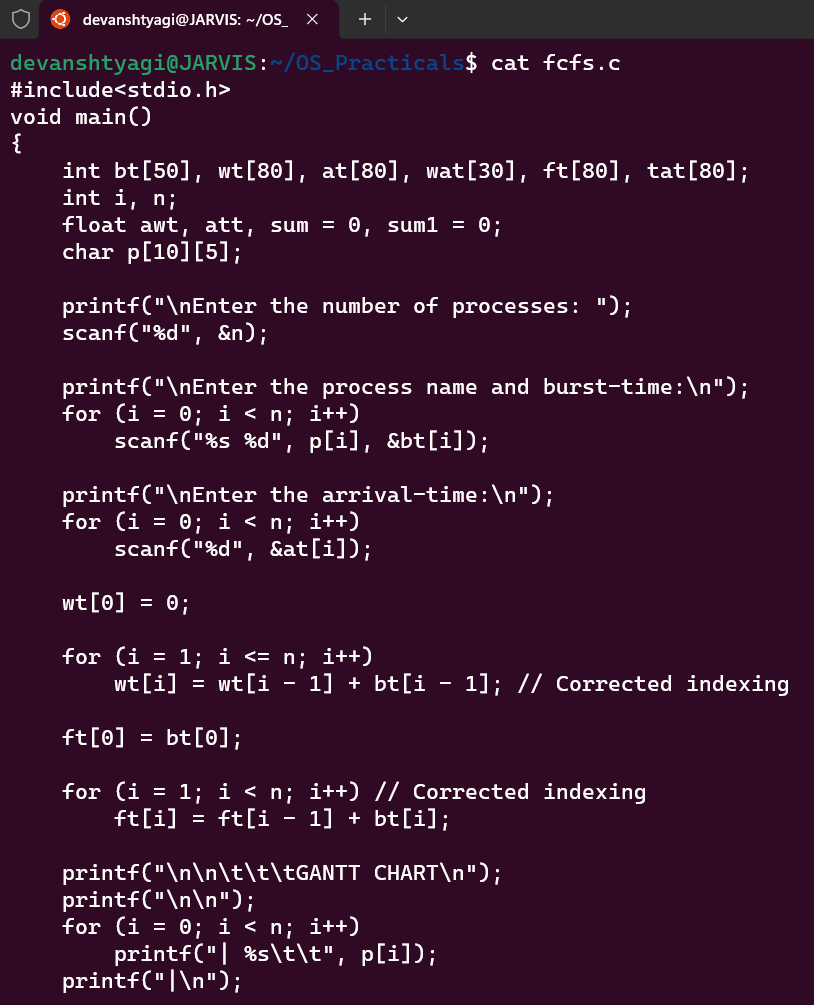
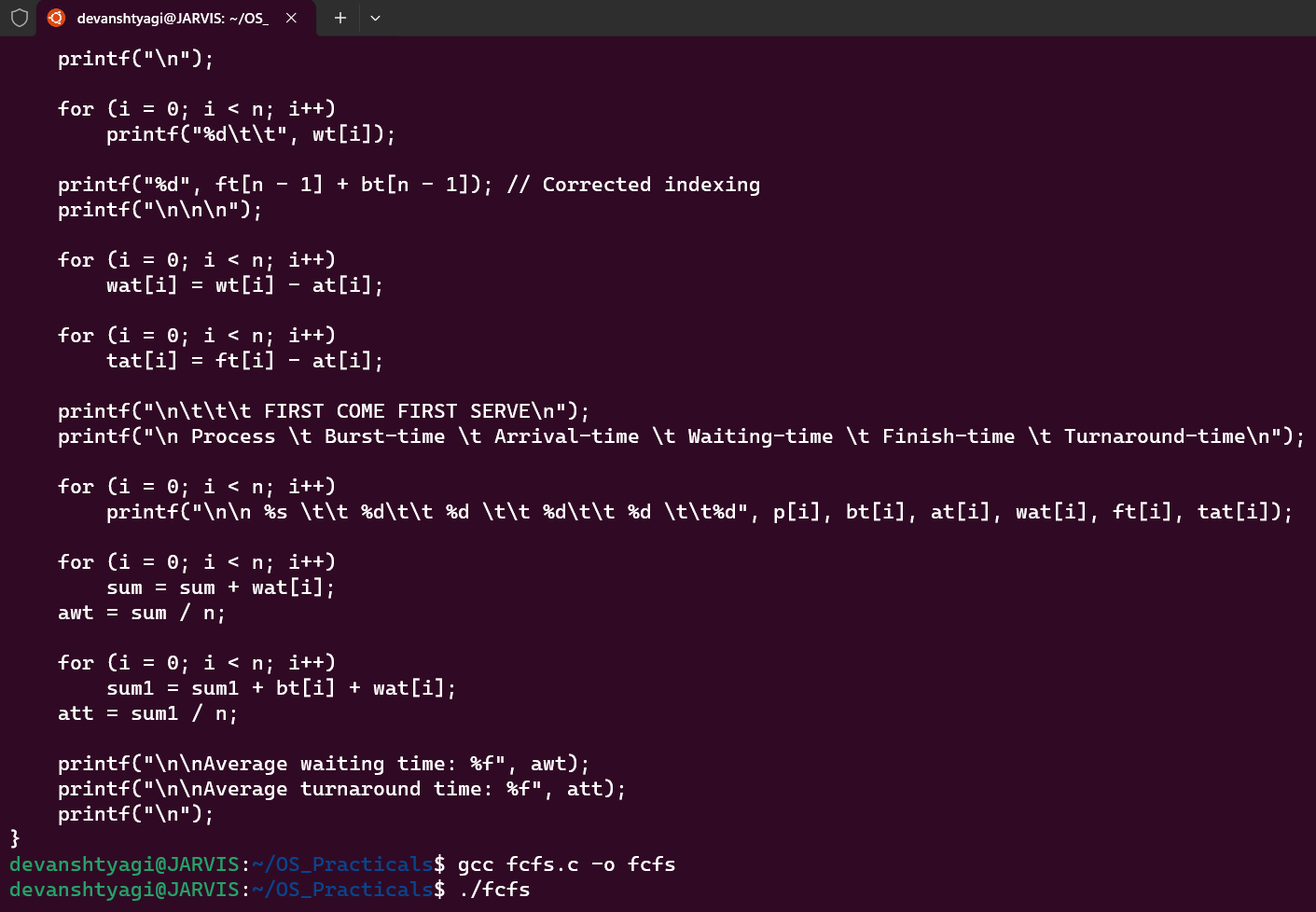
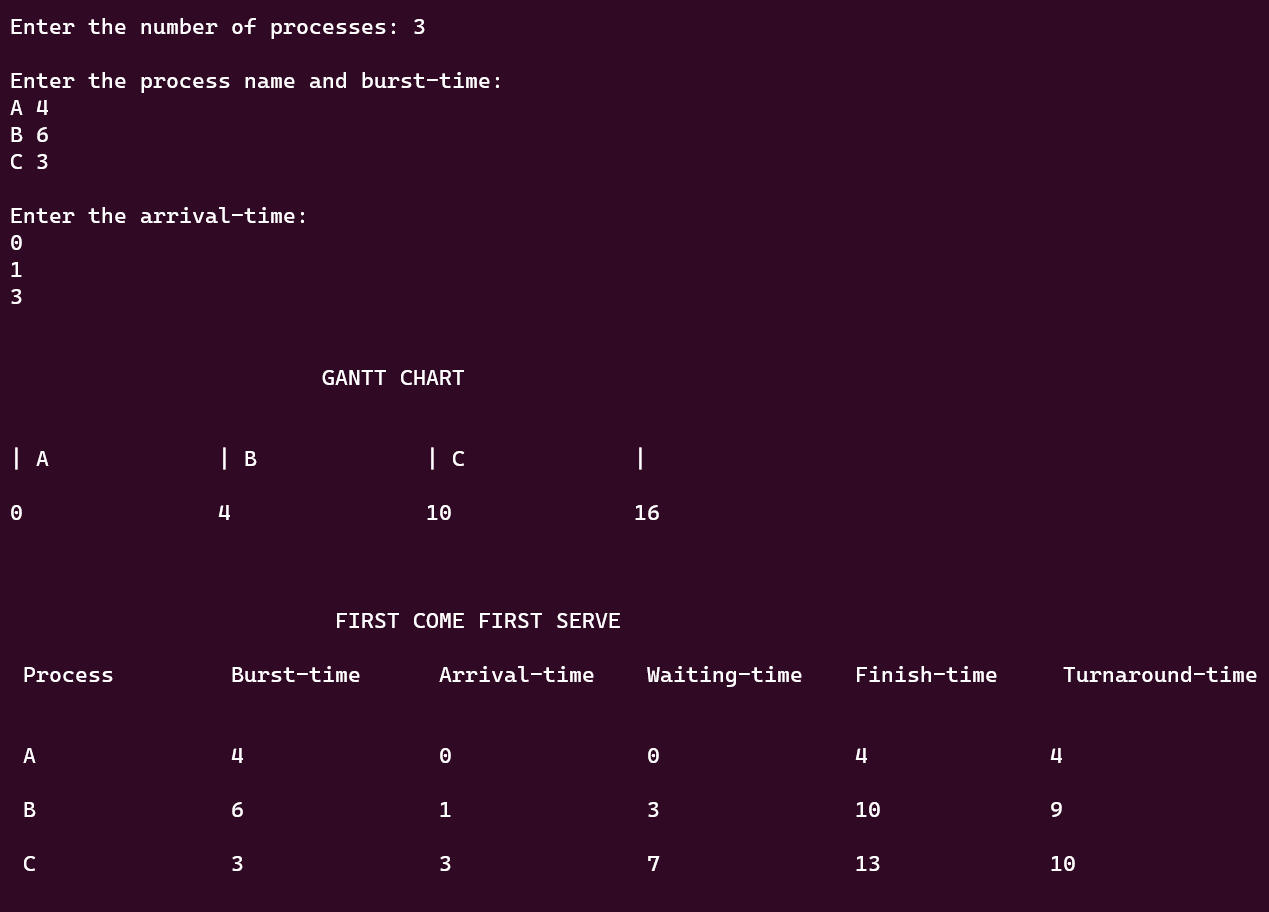
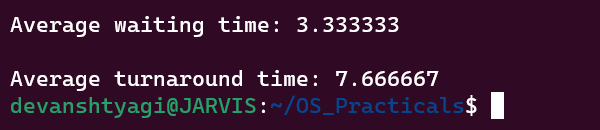


5. Write a program to report behaviour of Linux kernel including information on 19 configured memory, amount of free and used memory. (Memory information)



6. Write a program to copy files using system calls.  

7. Write a program to implement FCFS scheduling algorithm.

8. Write a program to implement SJF scheduling algorithm