National Textile University

Department of Computer Science

Subject

Operating System

Submitted to:

Sir Nasir

Submitted by:

Haider Ali

Registration Number

23-NTU-CS-1164

Lab No.

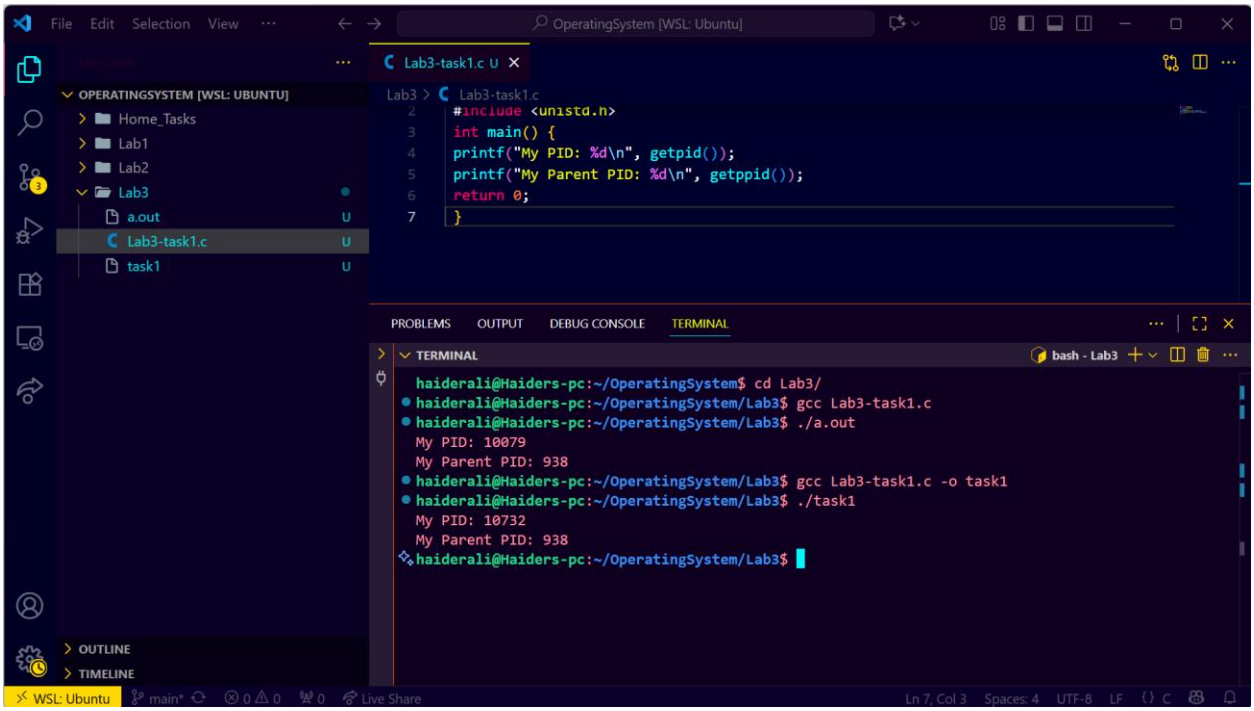
03

Semester

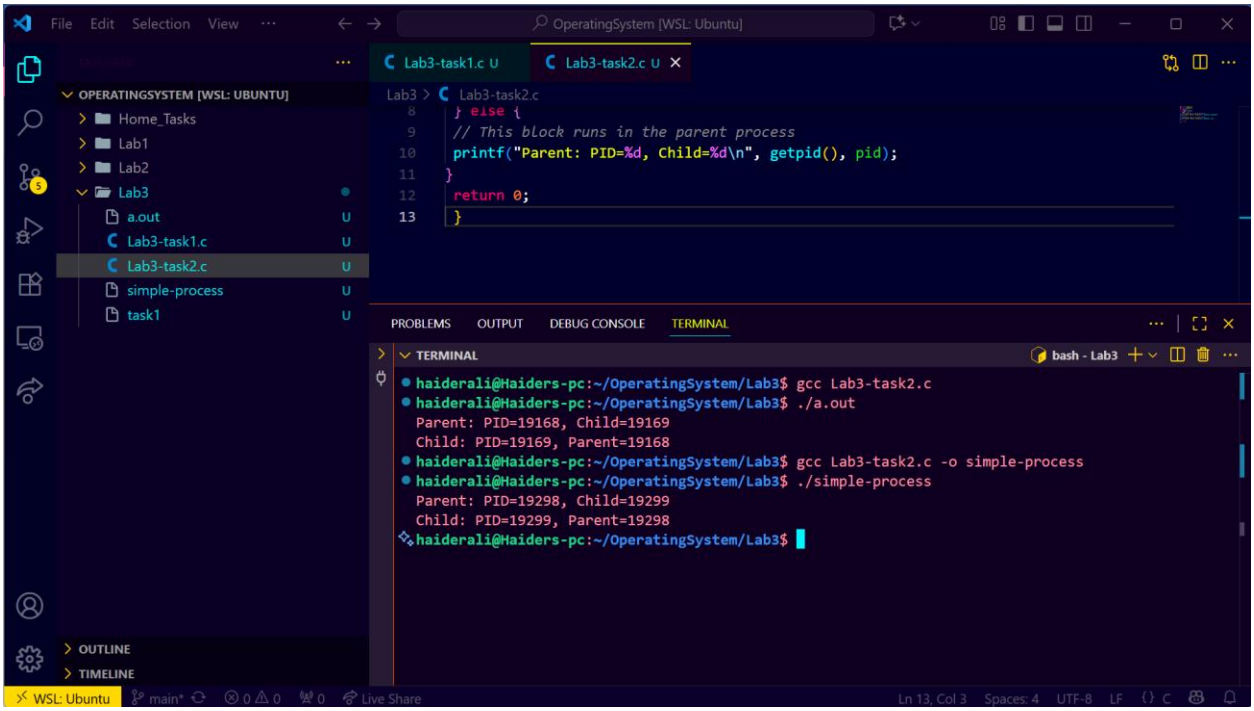
5th

C Programs on Processes

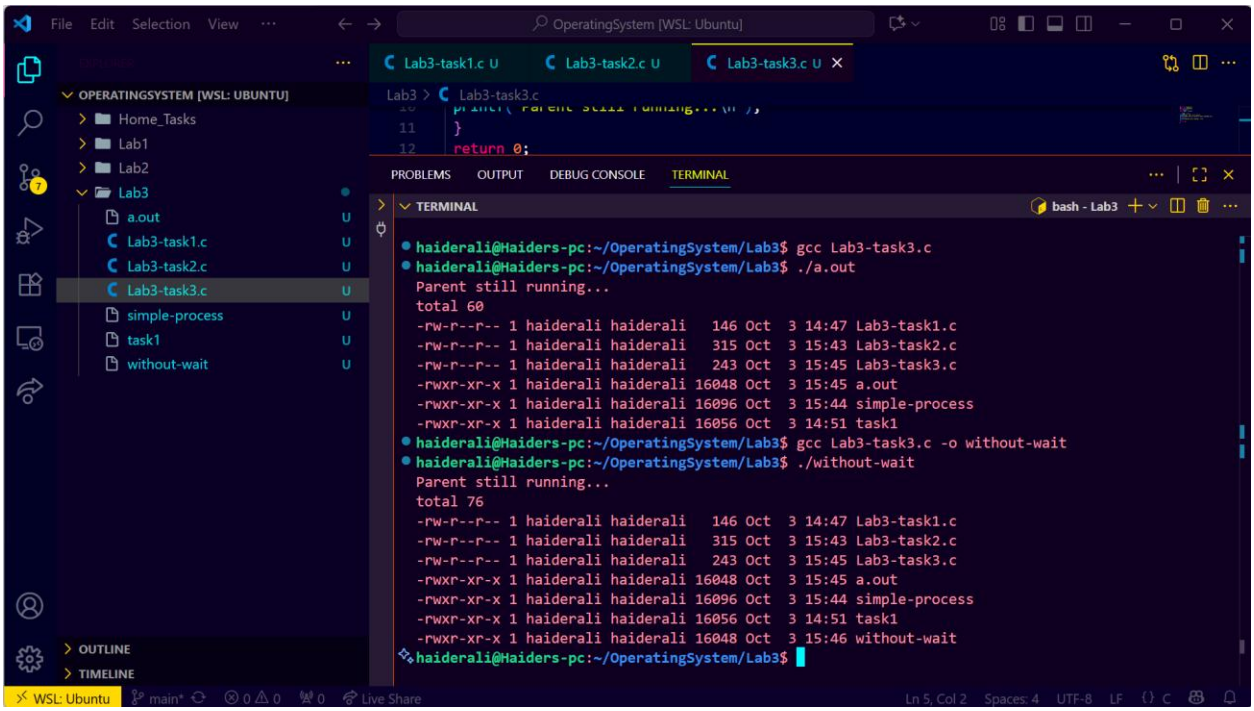
Program 1: Print PID and PPID:



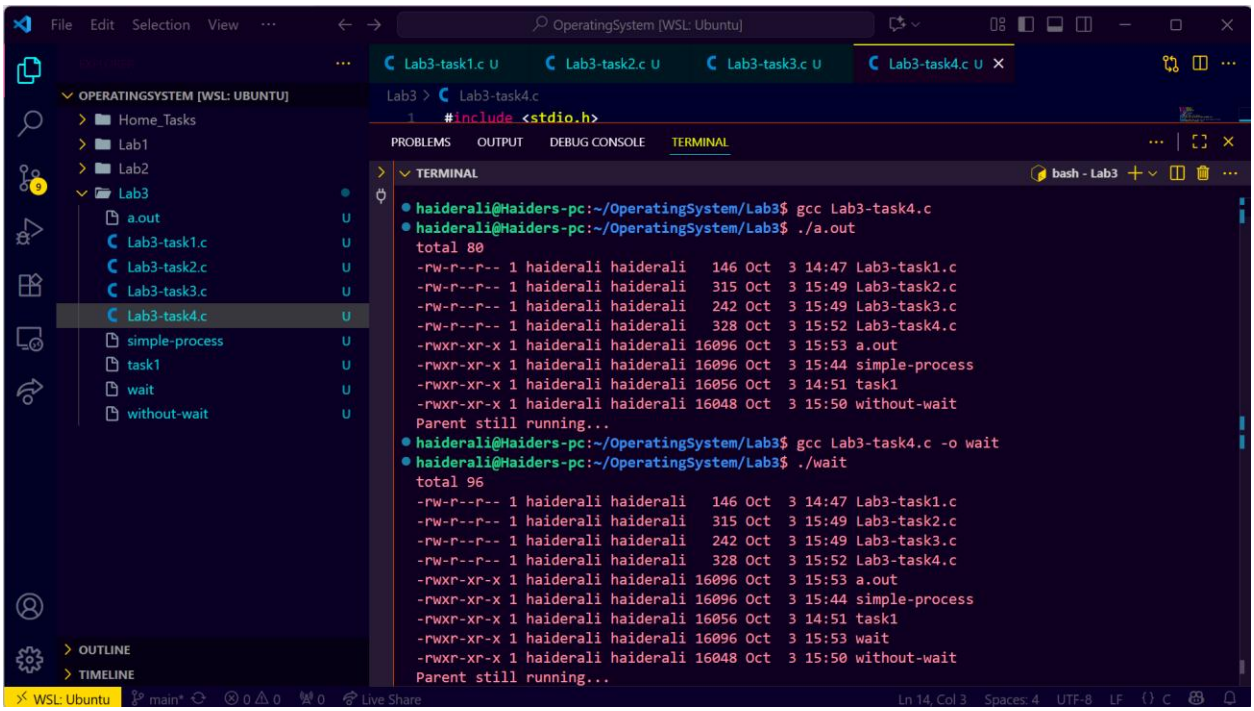
Program 2: Fork – Creating Child Process:



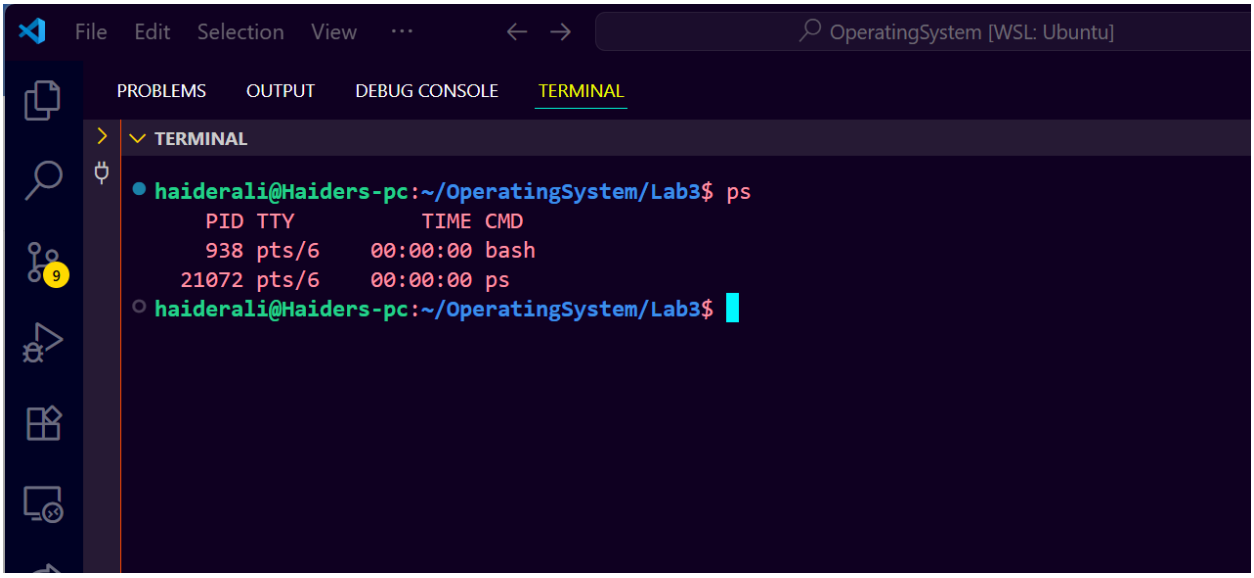
Program 3: Execl – Replacing a Process:



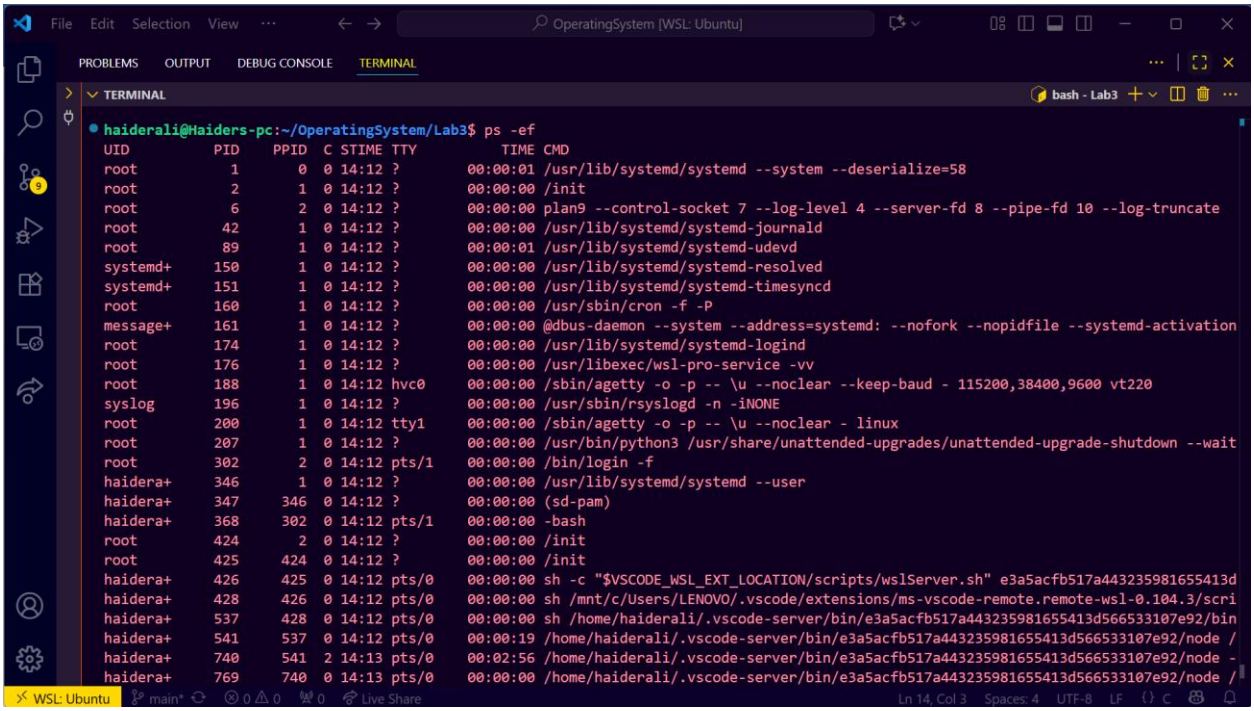
Program 4: Wait – Synchronization:



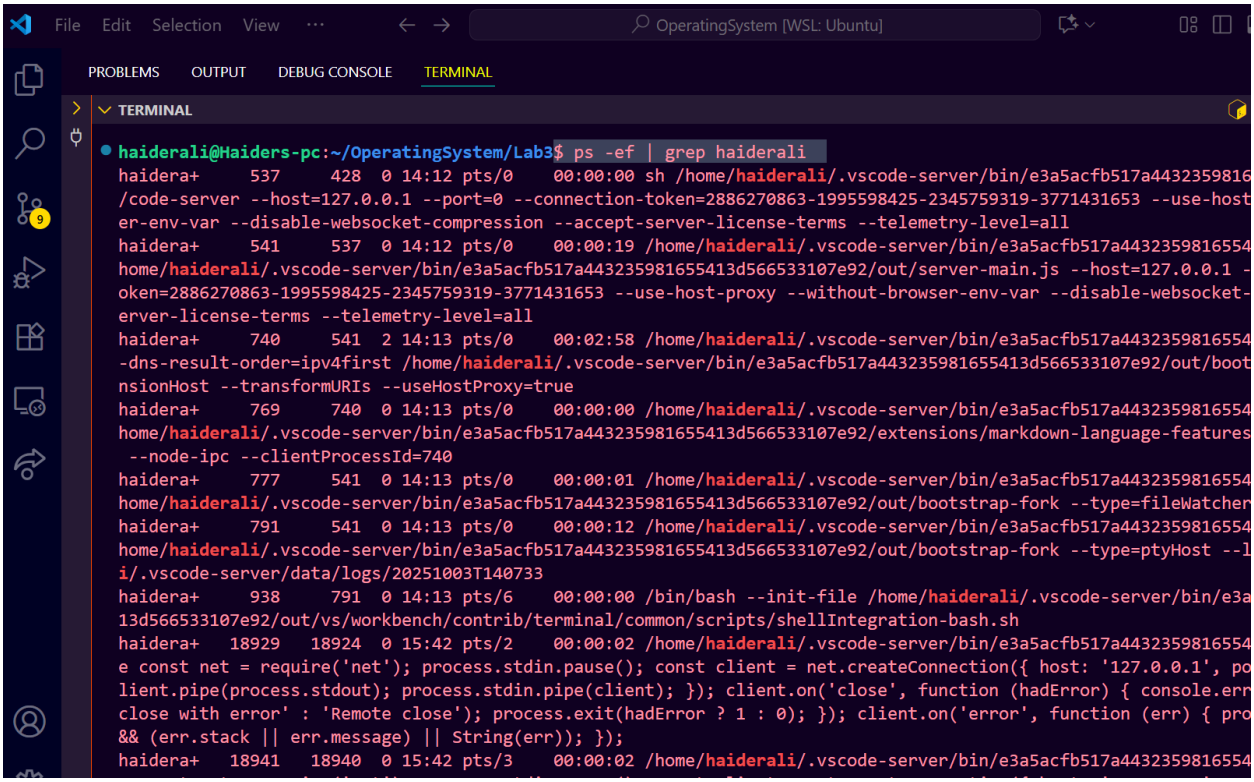
ps → Process Status:



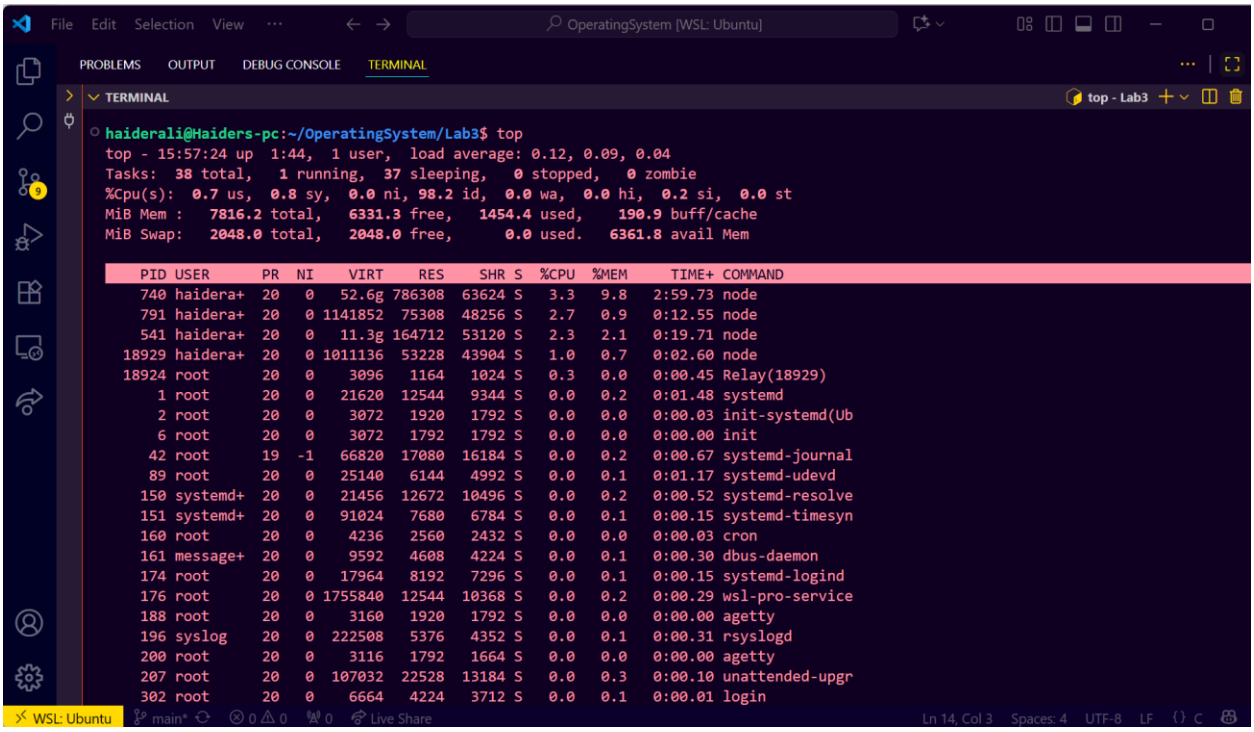
ps -ef → Full list of all processes:



ps-ef | grep bash:

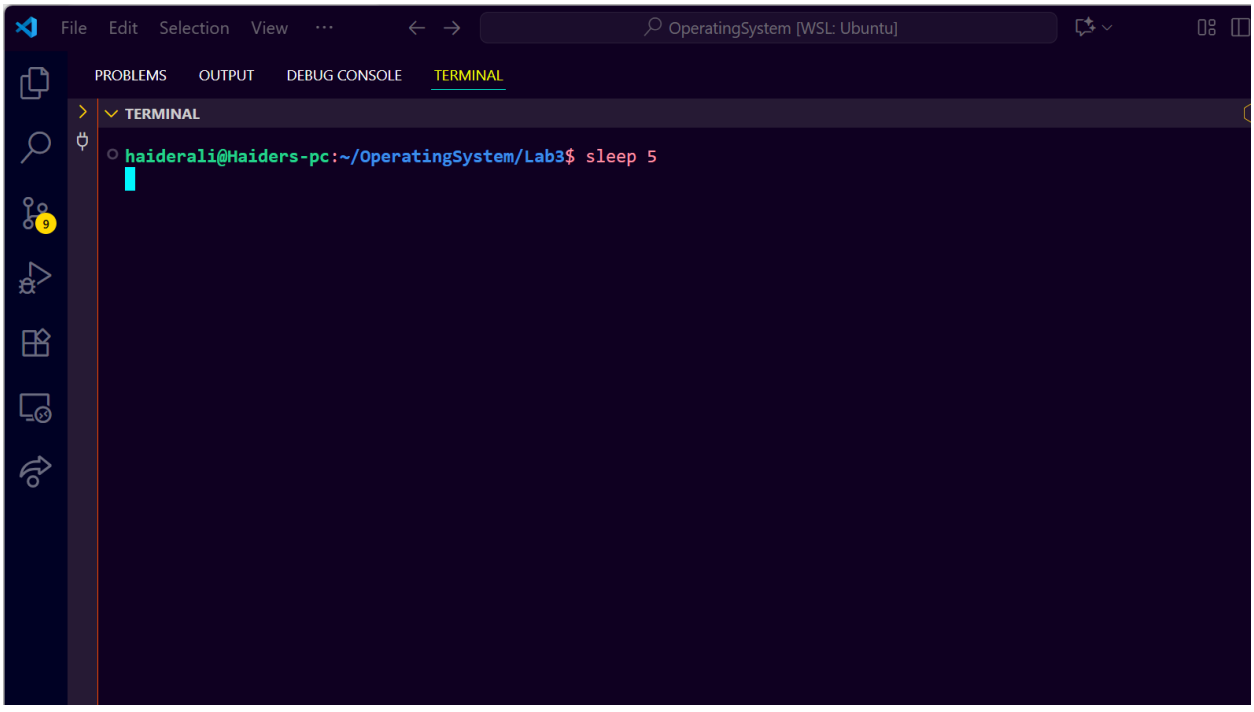


top → Dynamic process viewer:

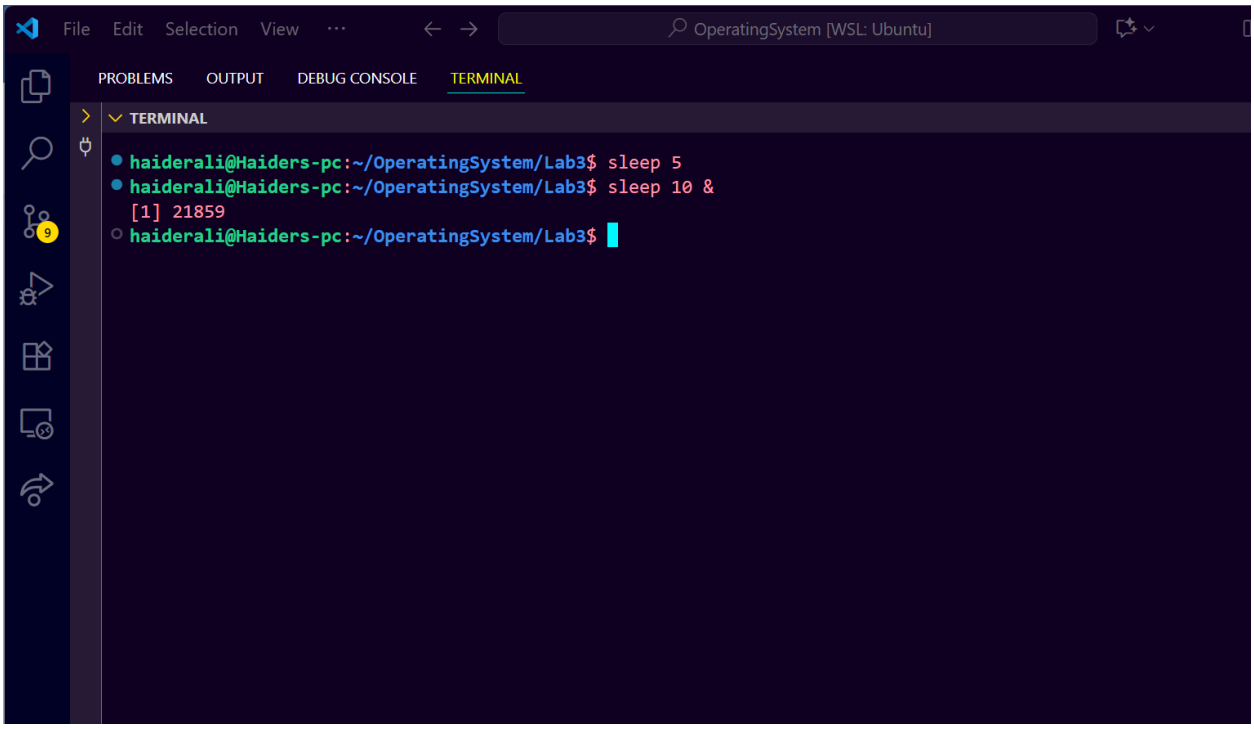


Foreground and Background Job:

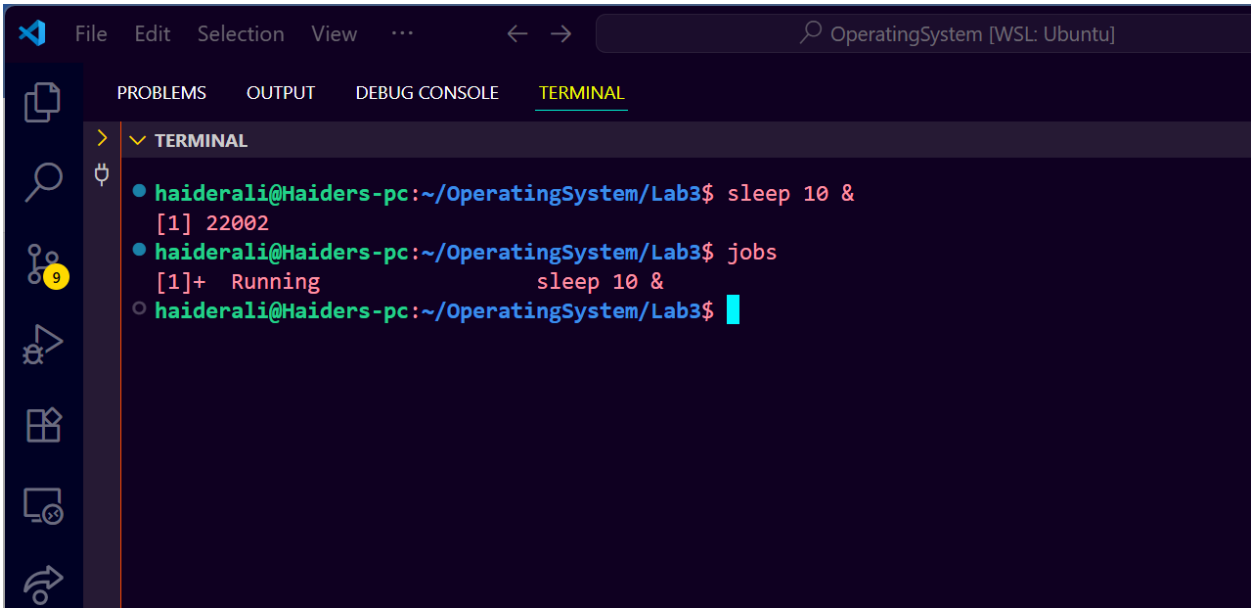
Foreground:



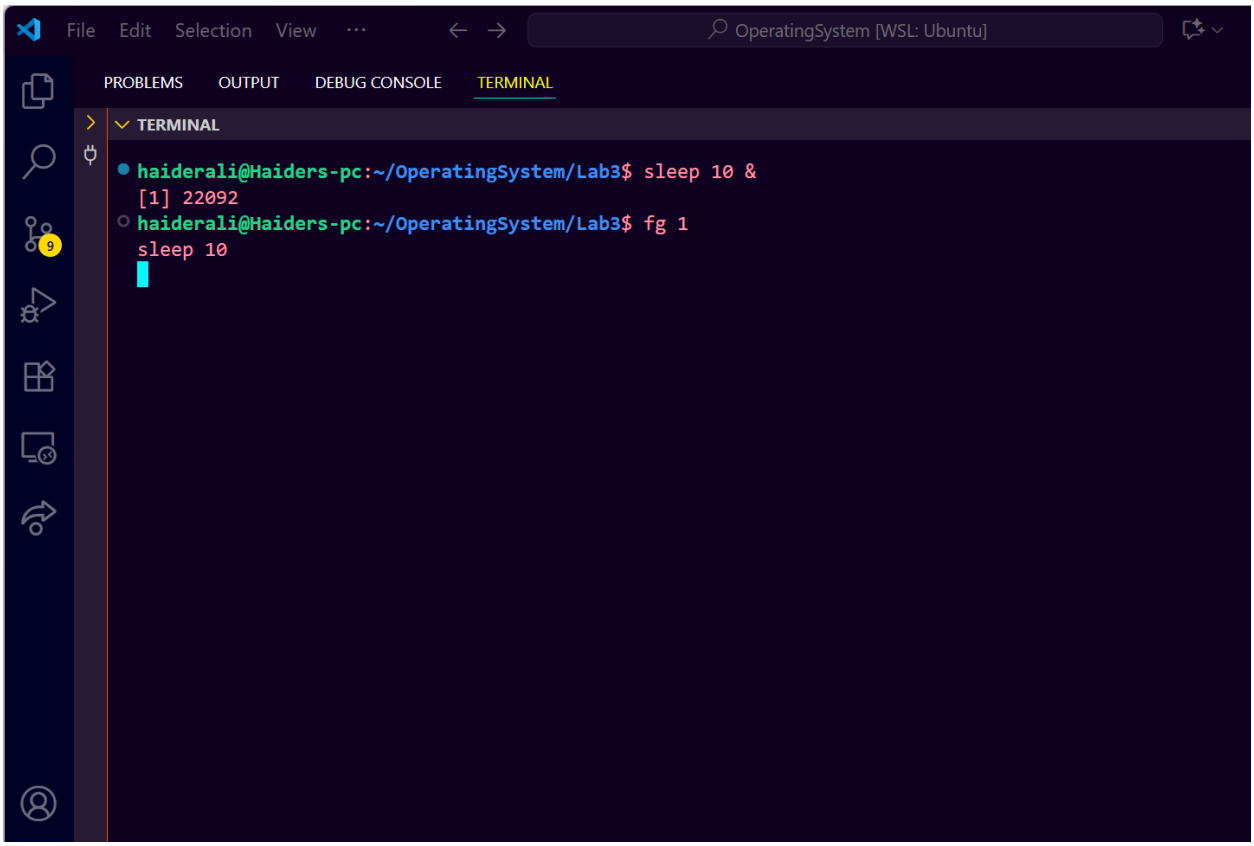
Background:

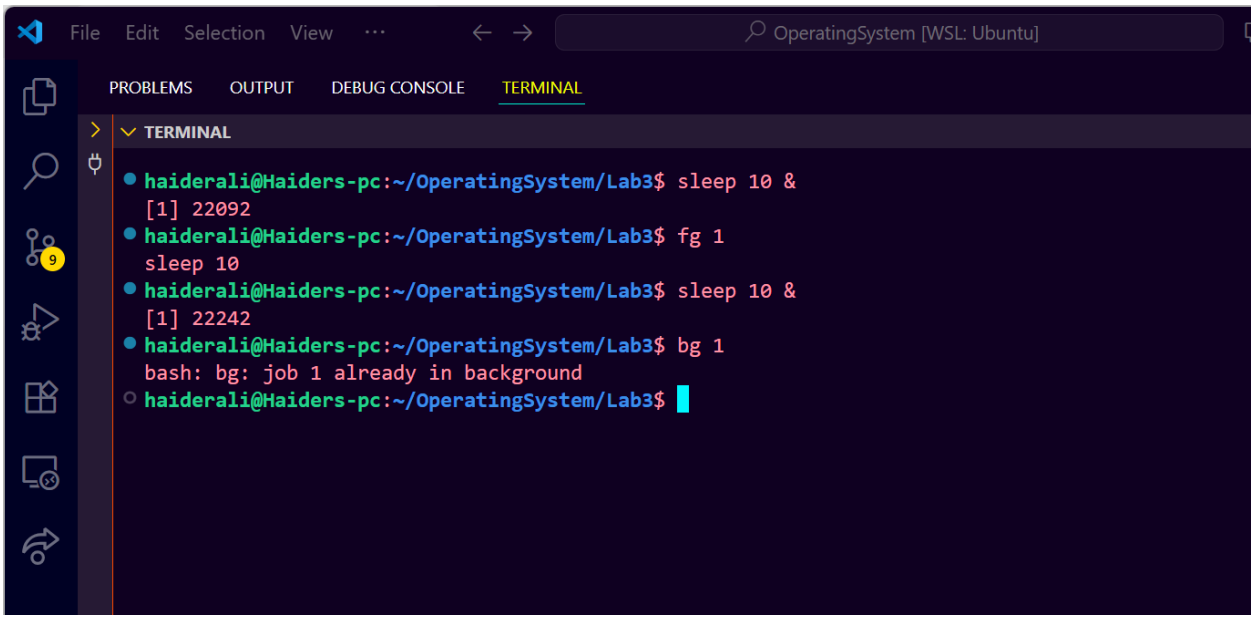


Check background jobs:

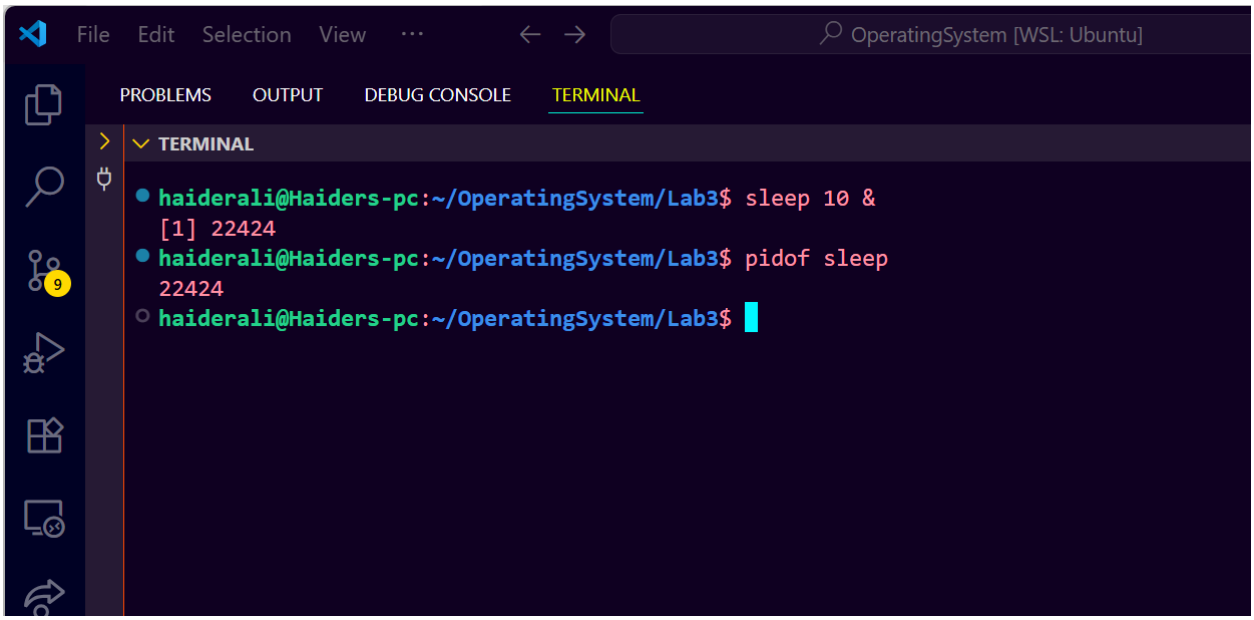


Bring a job to foreground:

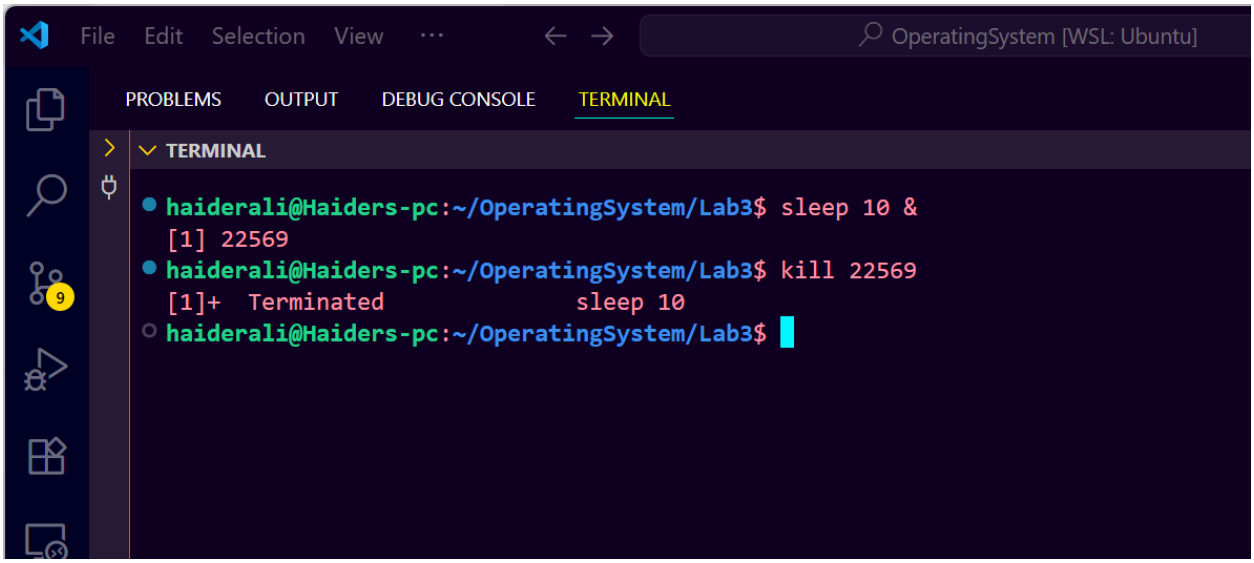


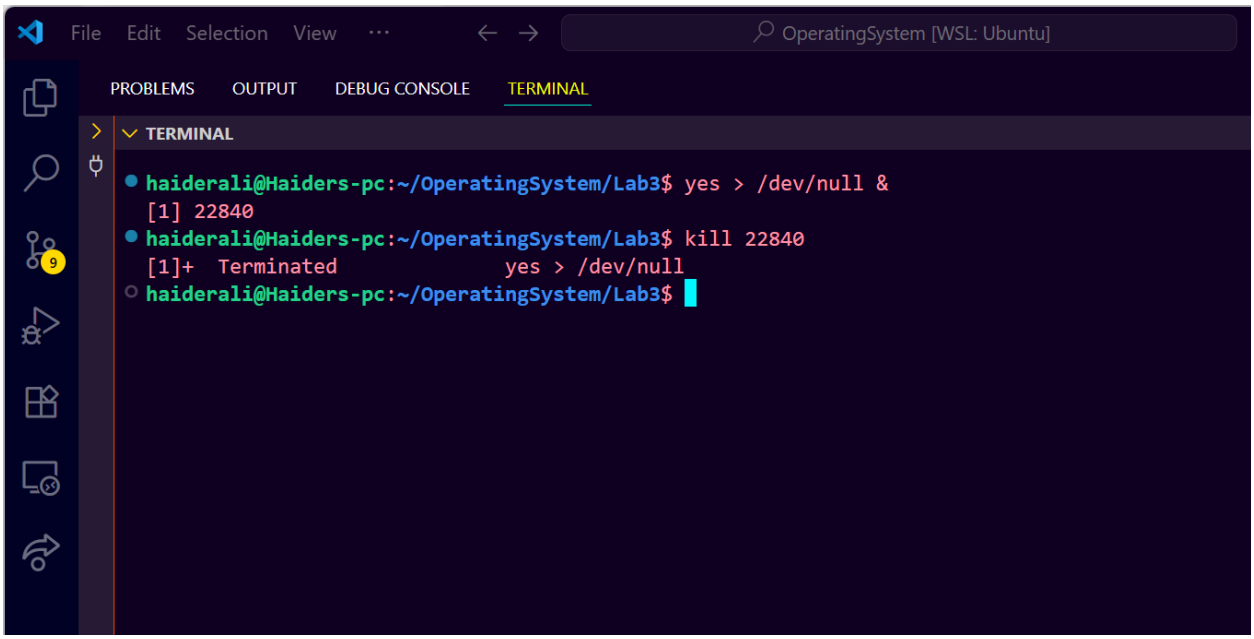


Process Identification:



Killing Processes:




File Edit Selection View ···
OperatingSystem [WSL: Ubuntu]
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
TERMINAL
haiderali@Haiders-pc:~/OperatingSystem/Lab3$ yes > /dev/null &
[1] 22840
haiderali@Haiders-pc:~/OperatingSystem/Lab3$ kill 22840
[1]+ Terminated yes > /dev/null
haiderali@Haiders-pc:~/OperatingSystem/Lab3$