CS6233: Introduction to Operating Systems

Assignment 5

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Ans A.

In this question we utilise shared memory to communicate between parent and child. The gist of the code is that child generates sequence elements one by one and parent prints as and when a new element is generated. Please refer to README for instructions to run the program. Also, PFA screenshot for the output of code in Question Number A.

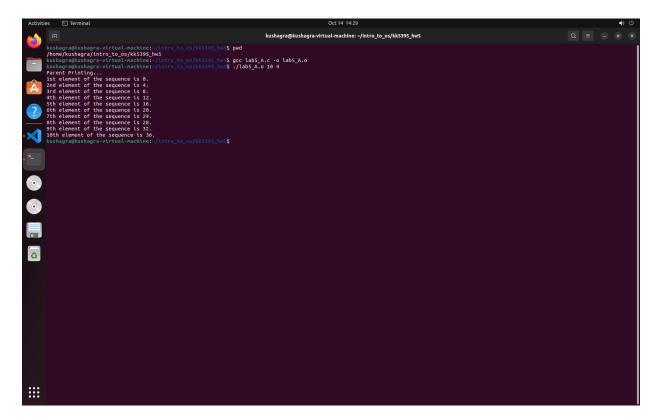


Figure 1: Snapshot

Ans B.

In this question we utilise pipes to communicate between parent and child. The gist of the code is that child generates sequence elements one by one and parent prints as and when a new element is generated. Please refer to README for instructions to run the program. Also, PFA screenshot for the output of code in Question Number B.

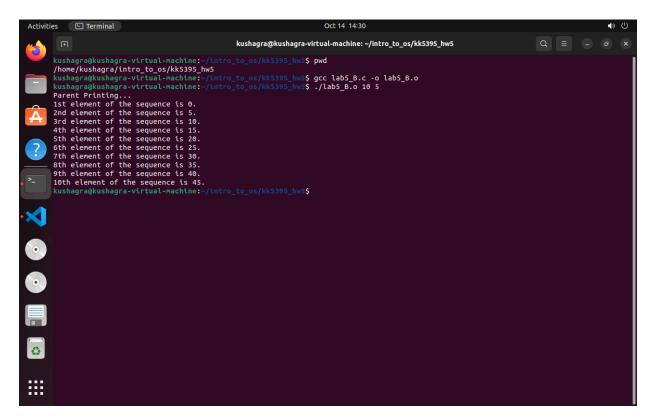


Figure 2: Snapshot