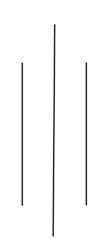
National College of Computer Studies Paknajol, Kathmandu



Lab Report No. 1

Linux Commands

Operating System

Submitted by:

Submitted to:

Name: Siddhartha Shakya

Arjun Gautam

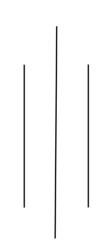
Program: BIM

Roll no: 19

Section: B

Date of submission: 2025/08/27

National College of Computer Studies Paknajol, Kathmandu



Lab Report No. 2 Process, Thread and IPC Implementation Operating System

Submitted by: Submitted to:

Name: Siddhartha Shakya Arjun Gautam

Program: BIM

Roll no: 19

Section: B

Date of submission: 2025/08/27





Child received: Hello from parent process!

- 1. Press 1 for Producer
- 2. Press 2 for Consumer
- 3. Press 3 for Exit

Enter your choice:2

Buffer is empty!

Enter your choice:1

Producer produces item 1

Enter your choice:1

Producer produces item 2

Enter your choice:2

Consumer consumes item 2

Enter your choice:2

Consumer consumes item 1