Final Project Network Programming

Hello!

We are: Đỗ Quang Hiếu BI10-063
Nguyễn Khang Thái BI10-158
Lê Duy Anh BI9-034

Group 2 is here because we love to give presentations.

1.
What your program does?

A load balancer typically does more, but ours is little

❑ Forward messages from client to server *exactly as they were sent*

❑ Perform validity check on the server so that the requests are handled correctly

❑ One client at a time, performing one action at a time

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2. Why we need to use your program?

Typical load balancer would do more, but we have

- Abstraction: Make client "thinks" they connect to the system
- Verbosity: Every transaction is logged
- And nothing more!

3. How we created it?

- A util file contains all functions
- A main file describing what the load balancer do
- Protocol: TCP
- Mechanism: Transfer exact messages

4. Summary

❑ What we did

    – A "proxy" acting as the load balancer (because no non-blocking methods)

❑ What we could have done

    – Handle multiple connections

    – Proper signal transfer protocol

Thank you for listening