



Introduction to Information Systems

- Understanding the digital world

10 The Internet

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Today's schedule

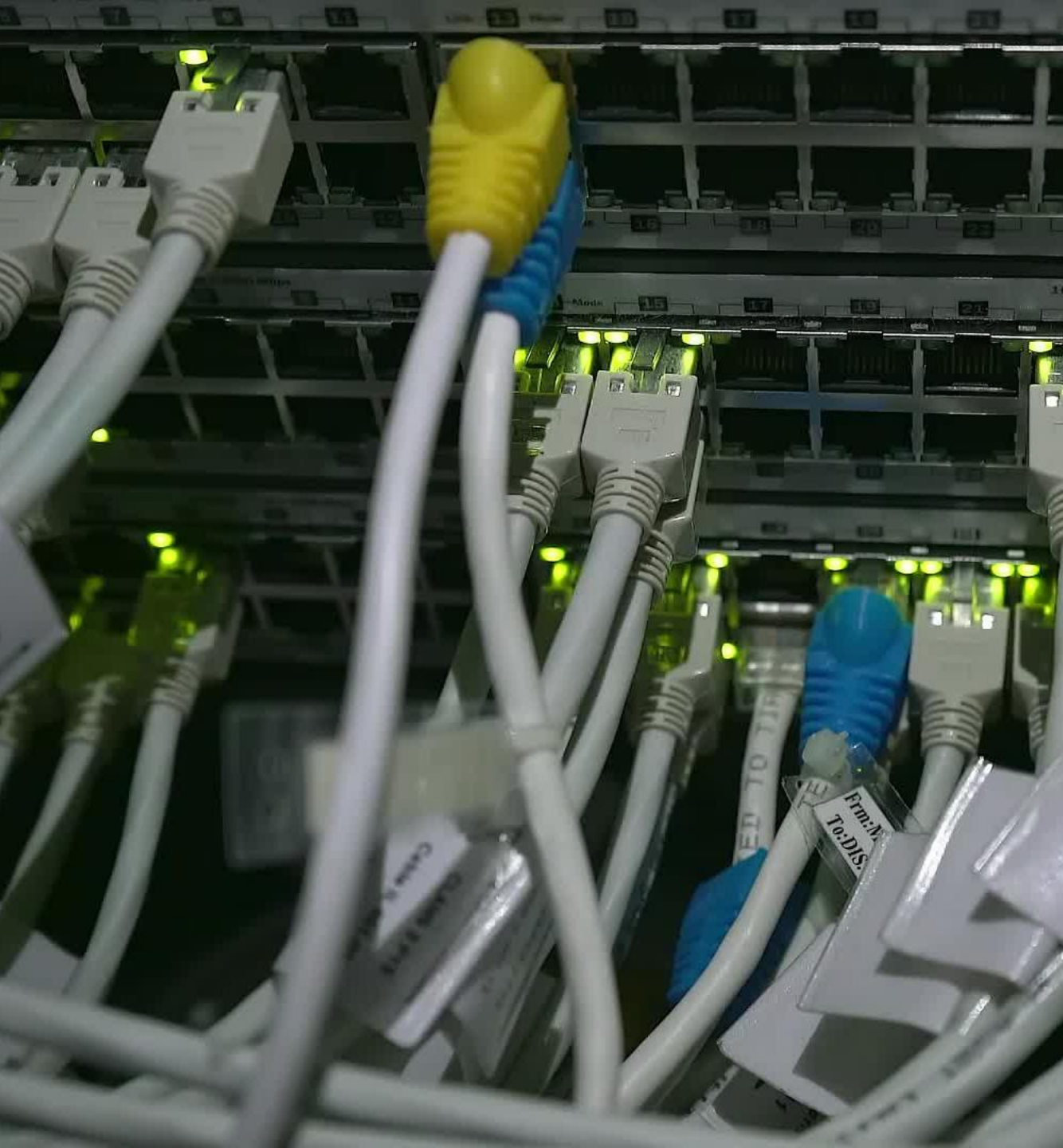
- Review of the last mini test
- Internet for beginners
- A game on message transmission
- More detail of the Internet
- Classwork and mini test #10
- Information and homework

**Top 3
proverbs used
in mini test #9**

**#1 "Better late than never."
– 10 times**

**#2 "Kill two birds with one
stone." – 3 times**

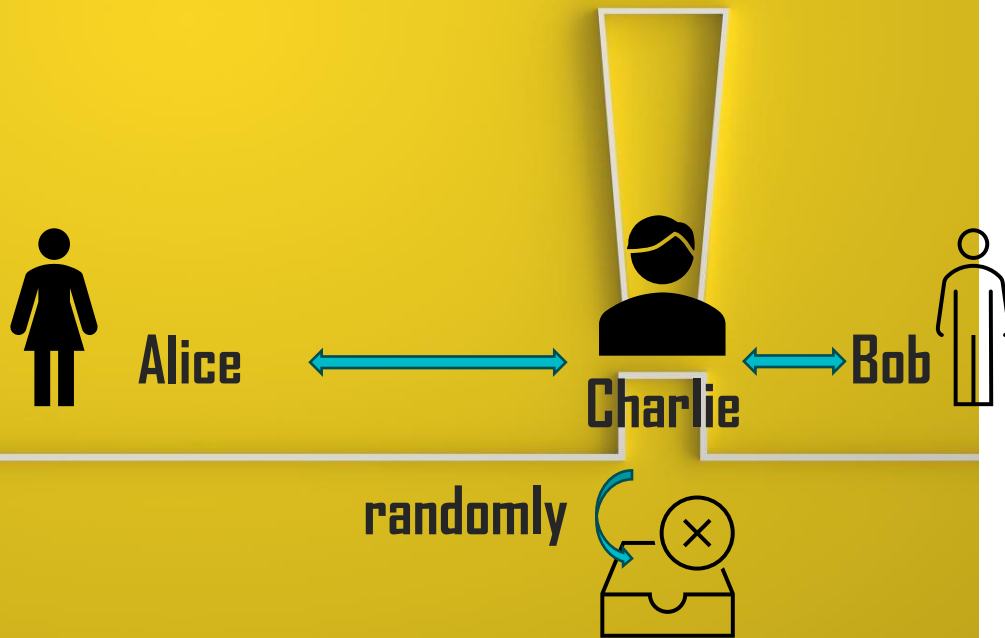
**#3 "No pain, no gain." – 2
times**



The Internet

- **Internet Basics for Beginners (28')**

<https://www.youtube.com/watch?v=aHs1RiRPXtk>



Game on message transmission (20')

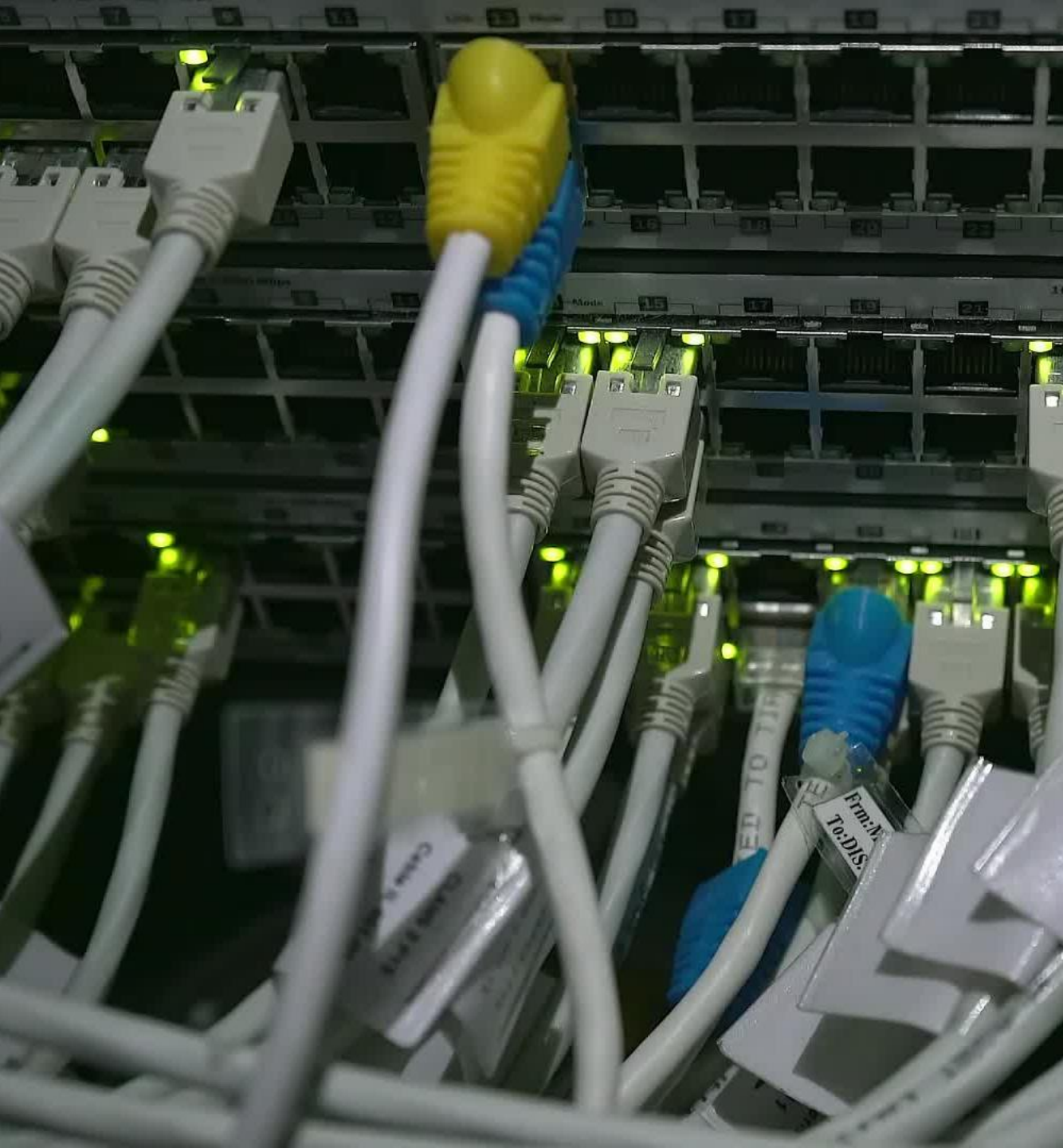
Players: Alice, Bob, and Charlie

Rules

1. A or B can send messages to B or A via and only via C.
2. C may drop the message randomly (without notification to the sender).

Task

- B wants to have a dinner with A on Saturday. How can he make it?



A three-way solution to “make” it

- **YouTube, Crash course, the Internet (12')**

<https://www.youtube.com/watch?v=A EaKrq3SpW8>

You must use a Windows or Mac computer.

- 1. Open a command line (Windows: Search "cmd". Mac: Finder -> Go -> Utilities -> Terminal)**
- 2. ipconfig (Mac: ifconfig)**
- 3. ping aw.gsais.kyoto-u.ac.jp (Win)
ping -c 4 aw.gsais.kyoto-u.ac.jp (Mac)**
- 4. nslookup g.gg**
- 5. Whois: <https://www.whatismyip.com/ip-whois-lookup/>**

Classwork and mini test #10 (30')

Information and homework

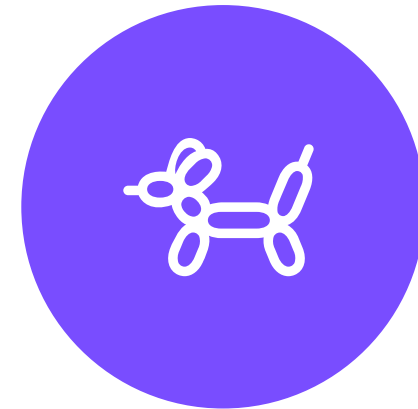
More on the use of commands (optional)

Windows

- <https://www.youtube.com/watch?v=iPkoXDrxlxY>
- <https://www.youtube.com/watch?v=JHWo6YTGyKM>
- <https://www.youtube.com/watch?v=rurs7cdT5cc>

Mac

- https://www.youtube.com/watch?v=WteF_RkgFnI
- <https://www.youtube.com/watch?v=HQAkjBjSlfg>



READ CHAPTER 9