Unix access in the 1970s-1980s

- Each monitor+keyboard directly connected to server HW (serial line)
- Multi-user
- Program on mainframe that lets you “talk” to Unix via your keyboard is “shell”
- Monitor is very low level
  - No graphics at all
  - Just displays characters
Unix Access today: ssh program

• Takes input from your keyboard and sends to shell process on Linux machine
• Displays characters sent to it by the shell process
• Communicates via standard TCP/IP network protocol
  • Talks via a server-side piece of ssh that connects it to a shell process (probably creating one at beginning)