RECAPPING LAST CLASS

- Commands for:
  - viewing files
  - transferring files to remote machines
  - accessing manpages
- Idea of command options and how to view

RSYNC

- different alg for transfer
    - checks for changes and differences
    - only transfers differences
- Command format (like `scp`):

```
rsync [[user@src_host:]srcpath
[[user@dest_host:]destpath
```

- Example:

```
rsync filename username@hostname:~
```

- Many options: recursive, delete, ...

COMPRESSING FILES

- Multiple different options
    - `bzip2` - better compression
    - `gzip` - faster compression
- Decompress
    - `bunzip2`
    - `gunzip`
- Work on files (can work recursively on directories)
- How to get 1 single file for whole directory?

ARCHIVING

- Creating single file from multiple files
- `tar` command
- Examples:
    - pack (create)
      `tar -cvf all.tar file1 file2 ...`
    - unpack `tar -xvf all.tar`
    - view table with contents
      `tar -tvf all.tar`
- What does the `-v` stands for?

RECORDING A SHELL SESSION

- `script` command to start
- `exit` ends recording
- saves recording in file called `typescript`
- `script filename` to specify different filename

ACCESSING COMMAND HISTORY

- Up arrow - cycle through previous commands
- `history` - see previous command list
- `history count` - shows last count commands

MINILAB02