

# 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)

q

```
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**