File management

- touch, mv, rm
- chmod: permission bits
- ln: symbolic/hard link

Shell programming

- Passing arguments
- Exit values:
  - demo: `echo alice; echo $?`; rm filenamedttt; echo $?`
  - exercise:
    1. `touch file111; rm touch file111; echo $?` what is the output?
    2. what do you need to do to make `echo $?` printout 1

  - homework:
    1. `makedir fff; echo $?; makedir fff; echo $?;` why is output different?

- Commenting

Redirection/Piping

- & < |

Grep & Find

Process Management

- ps
- top
- Background processes