Introduction to UNIX

- UNIX developed at Bell Labs in 70s
- One of the oldest and most reliable OS
- Linux, SUN/Solaris are UNIX kernel with additional features
Basic Commands (like DOS prompt)

- List files - `ls`
- Copy files - `cp file1 file2`
- Move/Rename files – `mv file1 file2`
- Delete files – `rm`
  - DANGEROUS COMMAND
  - One can delete all his/her files by mistake
  - Write `alias rm 'rm -i'` every time log on to play safe
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- Some more commands
  - mkdir mydir – to make a new directory
  - cd mydir – to change directory
  - man mkdir – display help about a command
  - cd - to come back to your home directory

- We will use ssh client to log onto UNIX machines
Connect to IBM DB2

- First log on to `splogin.cac.psu.edu`
  1. Enter username and password (CAC)

- Type the following commands
  1. `>source /home/db2clnt/sqlib/db2cshrc`
  2. `>db2`
Inside IBM DB2

- Some simple commands
  - `db2>list database directory` – to show databases
  - `db2>connect to classale` – to connect to a database
  - `db2>select * from pennstate.zipcodes`

- Now you can start typing SQL

- Remember no semi-colons needed