WHAT IS GIT?

* Version Control System(VCS) for tracking changes in computer files
  + Distributed version control
  + Coordinates work between multiple developers
  + Who made what changes and when
  + Revert back at any time
  + Local and remote repos
* Concepts of Git
  + Keeps the track of code history
  + Takes “snapshots” of your files
  + You decide when to take a snapshot by making a “commit”
  + You can visit any snapshot at any time
  + You can stage files before committing
* *Basic Commands:*
  + **$git init:**
    - Initialize local git repository
  + **$git add <file>**
    - Add files to index
    - It is possible to run this command as many times as you want before committing
    - $git add \*.html
      * It will add any files with .html extension to the staging area
    - $git add .
      * It will add all the files in the repository
  + **$git status**
    - Check status of working tree
  + **$git commit** 
    - Commit changes in index
  + **$git push**
    - Push to remote repository
  + **$git pull** 
    - Pull latest from remote repository
  + **$git clone** 
    - Clone repository into a new directory