


ELE101 2425-Spring Week-2

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Outline

- Quick review of last week
- Survey Results
- git
- git install
- Repo download/clone
- Linux commands



Getting Started Survey

- No personal information is collected
- Think before answering
- Help us prepare better course content





Key Points to Remember

Some important points about the course

- Always bring your laptop to class
- Every user must have an account on [GitHub](#)
- Make installments required for the course into your laptop ASAP
- Check your TOBB ETU e-mail for any updates!
- Do not forget to sign in the attendance list!
- Common time for compensation?



Last Week's Slides

<https://github.com/ELE101-2425Spring/Week-1>

Install git – Windows

- go to git-scm.com
- Run the installer to install git into your PC
- You can choose defaults





Install git – Linux

```
$ sudo apt-get install git
```

You can open a terminal to use git commands



Install git – Mac

- Install homebrew first
 - `/bin/bash -c "$(curl -fsSLhttps://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"`
- `brew install git`

You can open a terminal to use git commands



Intro to Linux

- Follow pdf file on the following repository

<https://github.com/ELE101-2425Spring/Week-2>

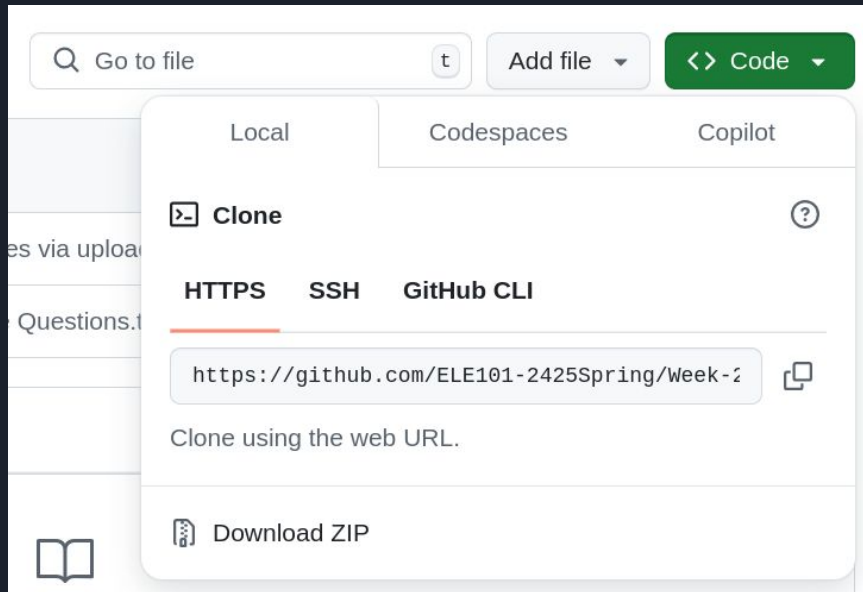


Linux Commands

- ls
- pwd
- home folder
- cd
- mkdir
- cat
- mv
- rm

Download/Clone Repository

- <https://github.com/ELE101-2425Spring/Week-2>





Clone Command

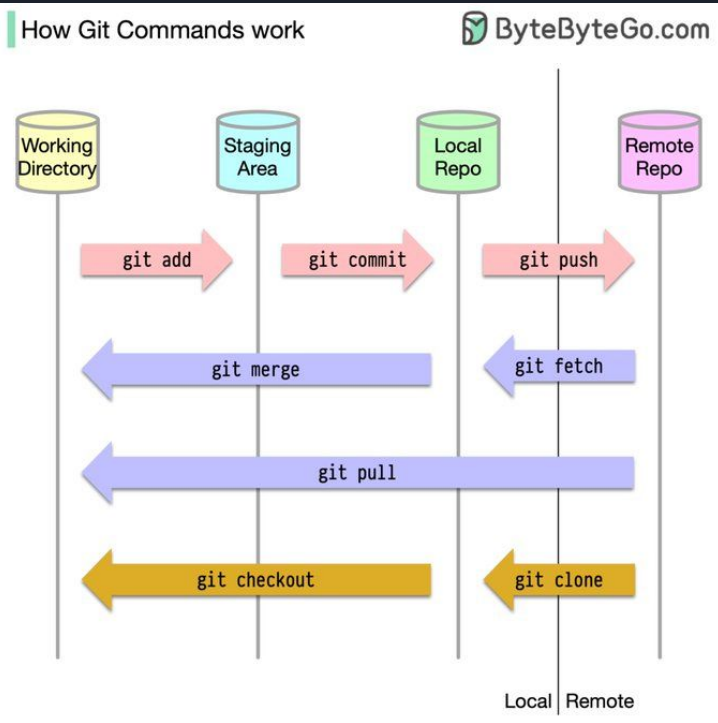
- Create ELE101 folder under your home folder
- Change to ELE101 folder
- Use git clone command below to create a local copy on your PC
- git clone <Repo_Address>
 - Replace <Repo_Address> with original repo address you have just copied
 - git clone <https://github.com/ELE101-2425Spring/Week-2.git>



Git

- Git CMD or Git BASH
- git config needs to be done only once
- Always check with git status first!
- 3-stages
 1. Working directory
 - `git clone your_repo_name`
 2. Staging Area
 - `git add .`
 3. Repository
 - `git commit -m "your message"`
- Remote (server) update
 - `git push`

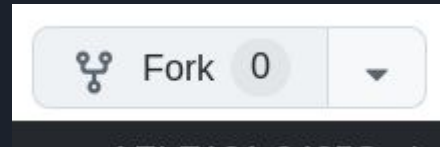
Git





Forking the Repository

- Use Fork button on the upper right to fork the repo
- This creates a copy in your personal account





Contributing

- Go to your forked repo on GitHub
- Edit Questions.txt file by clicking on the Pencil button
- Answer the questions on the Questions.txt
- Commit changes
- Click on Contribute
- Open a pull request
- Create a pull request



Thanks!

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