



ELE101-2 git-GitHub-Linux

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Outline

- Quick review of last week
- Sustainable Development Goals
- 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?



Savunma Sanayii 101

<https://savunma101.ssa.gov.tr/>

Sustainable Development

- <https://sdgs.un.org/goals>

The screenshot shows the homepage of the United Nations Sustainable Development Goals website. At the top, the United Nations logo is followed by "Department of Economic and Social Affairs" and "Sustainable Development". A search bar and user icon are also present. The main navigation menu includes Home, SDG Knowledge, Intergovernmental Processes, HLPF, SIDS, SDG Actions, Engage, News, and About. Below the menu, a large section titled "THE 17 GOALS" displays key statistics: 169 Targets, 4023 Events, 1354 Publications, and 7925 Actions. A grid of six cards below shows icons for No Poverty, Zero Hunger, Good Health and Well-being, Quality Education, Gender Equality, and Clean Water and Sanitation, each with a small image related to the goal.

Category	Value
Targets	169
Events	4023
Publications	1354
Actions	7925

THE 17 GOALS

169 Targets | 4023 Events | 1354 Publications | 7925 Actions

1 NO POVERTY **2 ZERO HUNGER** **3 GOOD HEALTH AND WELL-BEING** **4 QUALITY EDUCATION** **5 GENDER EQUALITY** **6 CLEAN WATER AND SANITATION**



TEGV-SKH

<https://tegvakademi.org/gonullu/surdurulebilir-kalkinmaya-giris>

<https://tegvakademi.org/gonullu/surdurulebilir-kalkinma-hedefleri-2>

<https://tegvakademi.org/gonullu/surdurulebilir-kalkinma-hedefleri-3>

<https://tegvakademi.org/gonullu/surdurulebilir-kalkinma-hedefleri-4>

<https://tegvakademi.org/gonullu/surdurulebilir-kalkinma-hedefleri-5>



Last Week's Slides

<https://github.com/ELE101-2526Spring/Course>

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/ELE101-2526Spring/Course>

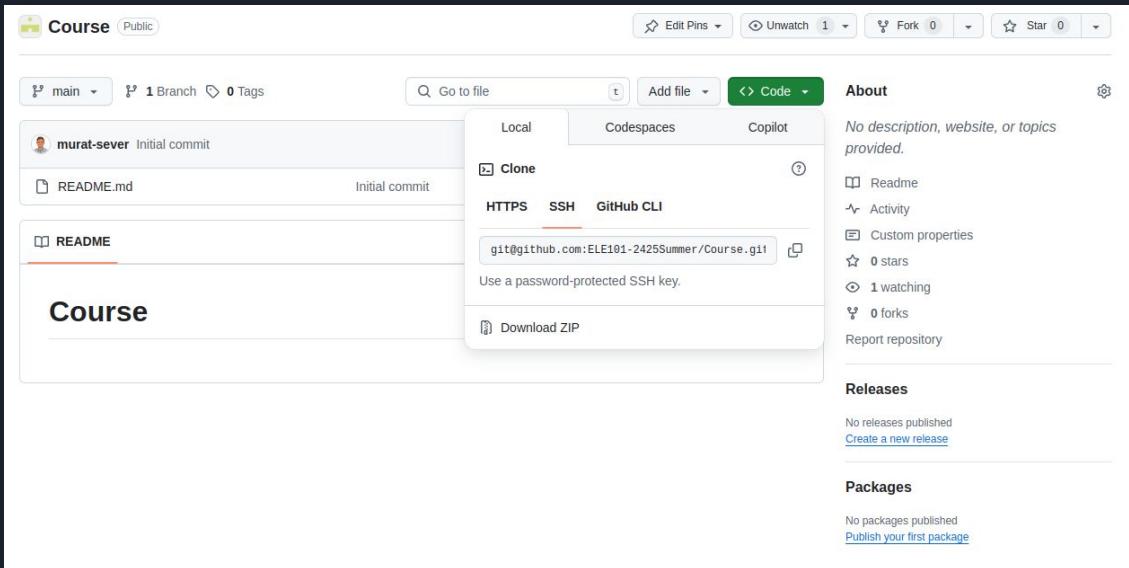


Linux Commands

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

Download/Clone Repository

- <https://github.com/ELE101-2425Summer/Course>





Clone Command

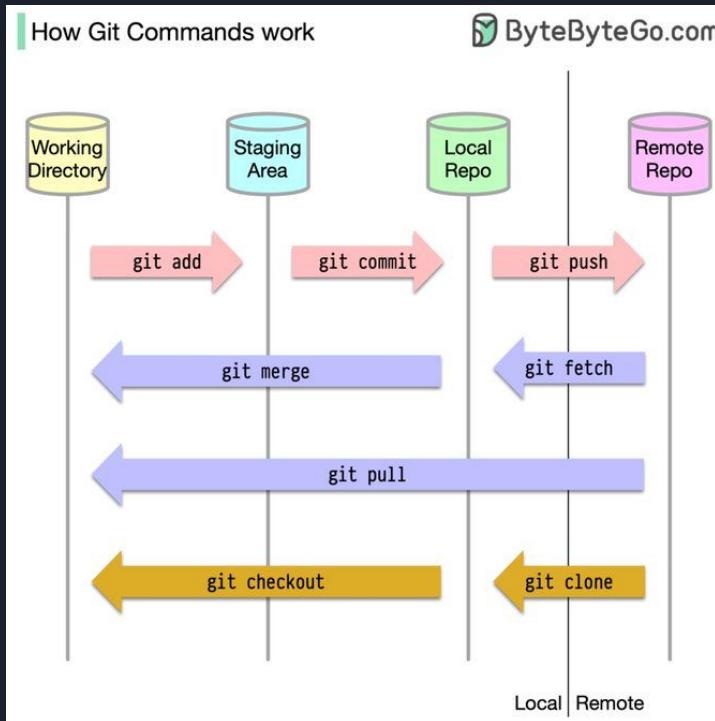
- Create ELE101 folder under your home folder
- Change to ELE101 folder
- Use git clone command below to create a local copy on your PC
- `git clone <Repo_Address>`
 - Replace <Repo_Address> with original repo address you have just copied
 - `git clone https://github.com/ELE101-2425Summer/Course`



Git

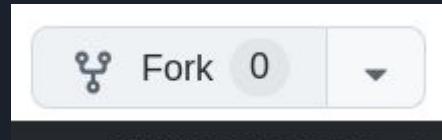
- Git CMD or Git BASH
- git config needs to be done only once
- Always check with git status first!
- 3-stages
 - 1. Working directory
 - git clone *your_repo_name*
 - 2. Staging Area
 - git add .
 - 3. Repository
 - git commit -m "your message"
- Remote (server) update
 - git push

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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