



ELE101-5 TOBB ETU EE Python101

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Outline

- Quick review of last week
 - git review
 - JupyterLab
 - Entrepreneurship & Presentation example
- TOBB ETU EE
- Python 101

Entrepreneurship

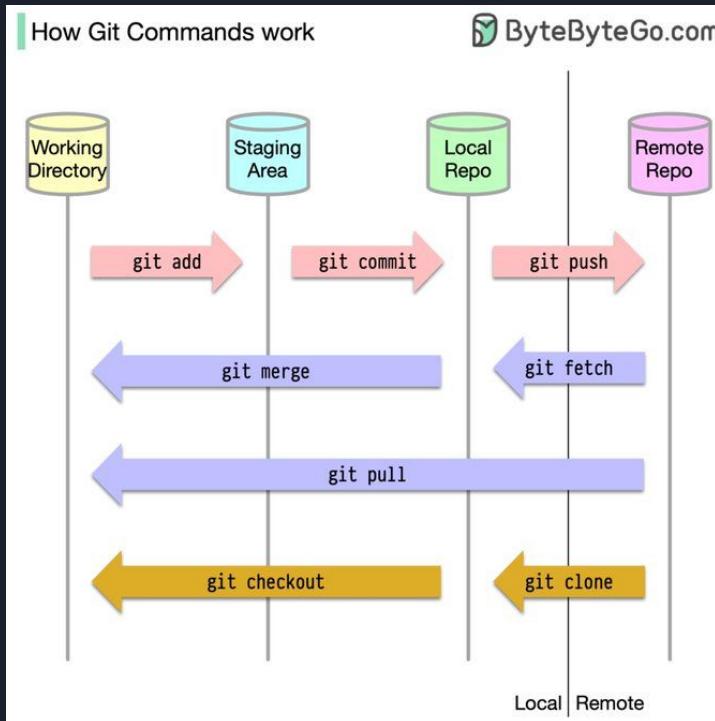




Git

- 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





Course Repo

- You can find slides in the Course repo
- Change directory to your repo in your machine
- Use git pull command to update



How to use conda environment

- First, launch miniforge prompt
- Then, type
 - *conda env list*
 - *conda activate ELE101*
 - *jupyter-lab or jupyter lab*



Welcome to GitHub Classroom

1. Click on the assignment link
2. Authorize GitHub Classroom
3. Find yourself on the class roll
4. Match correctly, if you make error contact me!
5. Click on the "Accept this assignment" button.
6. Having accepted the assignment, a new repo will be created for you!.
7. Check your e-mail associated with GitHub for any pending invitation! Accept if any!
8. Read the README file to what to do!



Assignment Submission

- Clone assignment repo into your PC
- change to your local directory (using cd command)
- Follow instructions in the README file
- Submit your assignment using git commands
 - `git add .`
 - `git commit -m "something here"`
 - `git push`



TOBB ETU EE

- Opened in 2004 with 51 undergraduate students
- MÜDEK (Mühendislik Eğitim Programları Değerlendirme ve Akreditasyon Derneği)
- <https://www.etu.edu.tr/tr/bolum/elektrik-elektronik-muhendisligi>



Want to be a ... ?

- [Software Engineer](#)
- [Signal Processing Engineer](#)
- [Robotics Engineer](#)
- ...



Python101 Notebooks

- Variables
- User Input
- Conditionals
- Loops
- Random Numbers
- Lists
- Functions
- Libraries



Thanks!
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