

Web Development

Session 1 - Quick Start

BY GDSC@KTH

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Event Info

- Four sessions
 - quick-start, backend, frontend, practice
- Fullstack
 - separation of frontend and backend
- Targeted for
 - intermediate programmers
 - beginners in web development

Possible Sessions with Specific Topics

- Flutter by Thameez
- Firebase
- **Call for more sessions**

What/How You Will Learn

- Start to develop your own web applications
 - Portfolio, blog, gallery, todo list...
- Avoid to be wordy and theoretic
- Really **hands-on**
- Django, React, PostgreSQL, MUI, ...

Outline for Today

Introduction to what you'd better know; prepare yourself before something more practical comes in

- Git
- API
- Showcase of architecture
- Basics of Frontend
- Basics of Backend

Get Started with Git

- Install Git if you haven't: <https://git-scm.com/>
- Check out our repository: [web-dev-sessions](#)

How many git commands you've used

<https://www.menti.com/65j3f6ph9q>



Follow the steps to warm up!

If it's your first time to use git

```
git config --global core.name "YOUR NAME"  
git config --global core.email "YOUR@EMAIL.com"
```

Then choose your working directory `cd MY_DIR`

```
git clone git@github.com:GDSC-KTH/web-dev-series.git  
cd web-dev-series  
git switch session1/playground  
git log
```


Clean up commits history!

1. Check out commits of branches
`session1/playground/1` and `session1/playground/2`
2. Organize commits in order and eliminate DUMMY commits and TRASH files

Get Started with Git

Final results

Useful Links

- Repository for this session
 - <https://github.com/GDSC-KTH/web-dev-series>
- Explore more about Git
 - <https://learngitbranching.js.org/>
 - <https://gitimmersion.com/index.html>