



Welcome Geeks

Topics to be covered

- Introduction to GIT and version control
- Setting up a GIT repository and committing changes
- Creating responsive web pages with media queries
- Introduction to CSS frameworks like Bootstrap

Version Control System

- Allow you to track changes to your codebase/files over time.
- Help in collaborating with people working on the same code

Git

- In simple terms, git saves all the history of your files and also the changes made in it.

Git Installation

- <https://git-scm.com/downloads>

Git vs. GitHub

- Git is a version control system that lets you manage and keep track of your source code history.
- GitHub is a cloud-based hosting service that lets you manage Git repositories. If you have open-source projects that use Git, then GitHub is designed to help you better manage them.

Git Basic Commands

- `git --version`
- `git config --global user.name "anantpatni1"`
- `git config --global user.email "anantpatni1@gmail.com"`

Time for Open Source Contribution

- git clone the project
- Create a new branch with naming pattern (feat/your-name-changes)
- Create a new file your-name.txt
- git add, git commit, git push origin branch-name
- Create a PR (Pull Request)
- Get it reviewed & merged from Anant

Responsive Design

- Using HTML/CSS make a website adapt to different sizes.

Media Queries

Using media queries in GFG Basic Page

Intro to Bootstrap

<https://getbootstrap.com/docs/5.0/getting-started/introduction/>

Cheat Sheet:

<https://hackerthemes.com/bootstrap-cheatsheet/>

CSS Cheat Sheet

- <https://htmlcheatsheet.com/css/>
- <https://web.stanford.edu/group/csp/cs21/csscheatsheet.pdf>



Assignment 2