**:** Basics about Git and GitHub

: History of Git and GitHub

:

**Git:** Imagine Git as a time machine for your code. It saves snapshots of your work at different points, so you can go back and undo changes if something goes wrong. It's like having a backup of your code that you can access whenever you need it.

**GitHub:** Think of GitHub as a social network for developers. It's a platform where you can share your code with others, collaborate on projects, and learn from the work of other developers. It's like a library for code, where you can find and contribute to different projects.

**What is version control system? [VCS]**

**Version control system** is a software tool that helps you track and manage changes to your files over time.

It's like a time machine for your work, allowing you to go back to previous versions of your files if you need to.

Here are some key benefits of using a version control system:

* **Undo changes:** If you make a mistake, you can easily revert back to a previous version of your work.
* **Collaborate with others:** Multiple people can work on the same project simultaneously without overwriting each other's changes.
* **Track changes:** You can see who made changes to a file and when, making it easier to identify the source of errors.
* **Create backups:** Version control systems automatically create backups of your work, so you don't have to worry about losing your data.

Popular version control systems include Git, SVN, and Mercurial.

echo "# Git-and-GitHub" >> README.md

git init

git add README.md

git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/bishaldsrija08/Git-and-GitHub.git

git push -u origin main