What is Markdown?

Markdown is a lightweight markup language that is used to format plain text in a simple and readable way. It was created by John Gruber in 2004 with the goal of making text easy to write and easy to convert into structured formats like HTML and PDF. Instead of using complex code, markdown uses simple symbols to create headings, paragraphs, bold and italic text, links, tables, and code blocks. Markdown files are easy to read even without formatting and can be opened on virtually any device or operating system. It simplifies things.

What is Git?

Git is a version control system that allows developers to track changes made to files over time. It is used to manage projects by keeping a history of edits so changes can be reviewed, reverted, or shared with others. Git makes it easier to collaborate because multiple people can work on the same project without overwriting each other's work. It is commonly used in software development but can also be used for managing documentation and other files. It allows you to see snapshots of the stages of things because you get to see each version essentially.

What is GitHub?

GitHub is an online platform that uses Git to store and manage projects in repositories. It acts like cloud storage for code and files, but with version control and collaboration tools built in. GitHub allows users to upload files, track changes, share projects publicly, or work privately with a team. It is commonly used by developers, students, and organizations to collaborate, submit assignments, and maintain project history in one centralized location. Its organized cloud storage with collaboration options and tools for all different types of file formats.

What is Slack?

Slack is a communication platform used for messaging and collaboration. It allows users to communicate through channels, direct messages, and through file sharing. Slack is often used in classrooms and workplaces to keep conversations organized by topics with real communication. It also supports links, integrations, and shared resources, making it easy to communicate with classmates, instructors, and team members so they can access important information in one centralized place.