1.Опишіть для чого використовують git, які основні дії та команди в ньому виконують.

**Git** is a version control system designed to track changes in project files and facilitate collaboration within a team. The main tasks and commands in Git include:

**Repository Initialization:** The git init command creates a new Git repository in the current directory or initializes an existing project as a repository.

**Commit Creation:** The git commit command allows you to save the current state of the project in its history. Each commit includes a message explaining what changes were made.

**Adding Files to the Index:** The git add command adds changes in files to the "index" (or "staging area"). Files in the index will be included in the next commit.

**Checking Status:** The git status command displays the current status of files in the working directory, index, and repository.