

Basic Git Commands

1 First-Time Git Configuration

```
git config --global user.name "Your Name"  
git config --global user.email "youremail@example.com"
```

2 Cloning a GitHub Repository

Go to your GitHub repo → click **Code** → copy the **HTTPS link**.

In Windows file manager, click options then open `git bash` Then run:

```
git clone https://github.com/username/repository.git
```

Move into the project folder:

```
cd repository
```

3 Checking Repository Status

See which files have changed:

```
git status
```

4 Adding Files to Git

Add a specific file:

```
git add filename.txt
```

Add all modified files:

```
git add .
```

5 Committing Changes

Commit with a message:

```
git commit -m "message"
```

6 Pushing to GitHub

Push changes to the **main** branch:

```
git push origin main
```

On first push:

- **Username:** your GitHub username
- **Password:** your GitHub **token**

7 Pulling Latest Changes

```
git pull origin main
```

Git Commands Summary

Command	Description
<code>git status</code>	Check the current status of files (modified, staged, untracked)
<code>git add .</code>	Stage all changed files
<code>git commit -m "message"</code>	Save changes with a commit message
<code>git push</code>	Upload changes to GitHub
<code>git pull</code>	Download the latest changes from GitHub