

## List of all Git Commands

### Description

## Basic Git commands

**git config --global user.name "[firstname lastname]"**

This command sets the firstname and lastname. Whatever you set will be visible in the commit history.

**git config --global user.email "[valid-email]"**

This command sets the emailid, and this will be visible in the commit history.

**git init**

This is used initialize an empty GIT repository.

**git clone [repourl]**

This will clone the entire repository from the repository url specified.

## Git commands post changes

**git status**

To view the changes or the untracked files in the project that has not been saved yet.

**git add [file]**

Whenever you add a new file to GIT, you have to stage it first. Below example either adds a single file or all files.

Example: git add fileName OR git add .

**git commit -m "[commit message to identify later]"**

Once your files are staged, this command will commit the files.

**git log**

this command is used to view the history of the project which shows the Commit Id, Author, Date and

commit message.

### **git branch**

List all the branches.

### **git branch [new branch name]**

This command will create a new branch.

### **git checkout**

This command will switch to another branch and checkout into your working directory.

### **git push [alias] [branch]**

Push the changes done on local repository to remote repository.

### **git pull**

This command fetches and merges changes from the remote server to your working directory.

## **Project Sharing**

### **git remote add [alias] [url]**

To connect your remote repository to Local repository.

**Example:-** git remote add origin **your\_git\_url**

### **git remote -v**

To view all the remote urls out there.

### **Category**

1. commands

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