**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo**

$ git --version

git version 2.31.1.windows.1

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo**

$ git config --global --edit

hint: Waiting for your editor to close the file...

[main 2022-02-12T18:24:06.316Z] update#setState idle

[main 2022-02-12T18:24:06.354Z] ExtensionHostStarterWorker created

[main 2022-02-12T18:24:07.243Z] Starting extension host with pid 13000 (fork() took 14 ms).

[main 2022-02-12T18:24:07.244Z] ExtensionHostStarterWorker.start() took 34 ms.

[main 2022-02-12T18:24:33.170Z] Waiting for extension host with pid 13000 to exit.

[main 2022-02-12T18:24:33.246Z] Extension host with pid 13000 exited with code: 0, signal: null.

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo**

$ git config --global user.name

DevAhsan

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo**

$ git config --global user.email

ahnkhan804@gmail.com

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo**

$ git init

Initialized empty Git repository in C:/Users/ahnkh/Downloads/Git Repo/.git/

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ ls

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ ls -a

./ ../ .git/

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git status

On branch master

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

Ahsan.txt

nothing added to commit but untracked files present (use "git add" to track)

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git add Ahsan.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git status

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: Ahsan.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git commit -m "Ahsan.txt is Added!"

[master (root-commit) 18f0b57] Ahsan.txt is Added!

1 file changed, 1 insertion(+)

create mode 100644 Ahsan.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git log

commit 18f0b5712275004b912f4ce530072cfaf9f6dab6 (HEAD -> master)

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:29:46 2022 +0500

Ahsan.txt is Added!

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Ahsan.txt

no changes added to commit (use "git add" and/or "git commit -a")

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ touch Diff.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ vim Diff.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ nano Diff.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ nano Diff.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ nano Diff.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Ahsan.txt

Untracked files:

(use "git add <file>..." to include in what will be committed)

Diff.txt

no changes added to commit (use "git add" and/or "git commit -a")

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git add Diff.txt

warning: LF will be replaced by CRLF in Diff.txt.

The file will have its original line endings in your working directory

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: Diff.txt

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Ahsan.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git commit -m "Diff.txt is Added!"

[master f926e3d] Diff.txt is Added!

1 file changed, 2 insertions(+)

create mode 100644 Diff.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git log

commit f926e3d94b1ee497a25706abaac6c82372071b53 (HEAD -> master)

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:34:29 2022 +0500

Diff.txt is Added!

commit 18f0b5712275004b912f4ce530072cfaf9f6dab6

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:29:46 2022 +0500

Ahsan.txt is Added!

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git status

On branch master

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Ahsan.txt

no changes added to commit (use "git add" and/or "git commit -a")

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git add .

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git commit -m "Ahsan.txt updated file Added!"

[master 46c5650] Ahsan.txt updated file Added!

1 file changed, 2 insertions(+), 1 deletion(-)

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git log

commit 46c565073c2c2d3c52464bbb3adf654163f02684 (HEAD -> master)

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:35:47 2022 +0500

Ahsan.txt updated file Added!

commit f926e3d94b1ee497a25706abaac6c82372071b53

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:34:29 2022 +0500

Diff.txt is Added!

commit 18f0b5712275004b912f4ce530072cfaf9f6dab6

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:29:46 2022 +0500

Ahsan.txt is Added!

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git checkout 18f0b5712275004b912f4ce530072cfaf9f6dab6

Note: switching to '18f0b5712275004b912f4ce530072cfaf9f6dab6'.

You are in 'detached HEAD' state. You can look around, make experimental

changes and commit them, and you can discard any commits you make in this

state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may

do so (now or later) by using -c with the switch command. Example:

git switch -c <new-branch-name>

Or undo this operation with:

git switch -

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at 18f0b57 Ahsan.txt is Added!

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo ((18f0b57...))**

$ git checkout master

Previous HEAD position was 18f0b57 Ahsan.txt is Added!

Switched to branch 'master'

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git checkout 18f0b5712275004b912f4ce530072cfaf9f6dab6

Note: switching to '18f0b5712275004b912f4ce530072cfaf9f6dab6'.

You are in 'detached HEAD' state. You can look around, make experimental

changes and commit them, and you can discard any commits you make in this

state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may

do so (now or later) by using -c with the switch command. Example:

git switch -c <new-branch-name>

Or undo this operation with:

git switch -

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at 18f0b57 Ahsan.txt is Added!

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo ((18f0b57...))**

$ git branch

\* (HEAD detached at 18f0b57)

master

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo ((18f0b57...))**

$ git log

commit 18f0b5712275004b912f4ce530072cfaf9f6dab6 (HEAD)

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:29:46 2022 +0500

Ahsan.txt is Added!

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo ((18f0b57...))**

$ git branch master

fatal: A branch named 'master' already exists.

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo ((18f0b57...))**

$ git checkout master

Previous HEAD position was 18f0b57 Ahsan.txt is Added!

Switched to branch 'master'

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git log

commit 46c565073c2c2d3c52464bbb3adf654163f02684 (HEAD -> master)

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:35:47 2022 +0500

Ahsan.txt updated file Added!

commit f926e3d94b1ee497a25706abaac6c82372071b53

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:34:29 2022 +0500

Diff.txt is Added!

commit 18f0b5712275004b912f4ce530072cfaf9f6dab6

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:29:46 2022 +0500

Ahsan.txt is Added!

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git branch dev

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git branch

dev

\* master

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git checkout dev

Switched to branch 'dev'

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (dev)**

$ git checkout -b ahsan/editing

Switched to a new branch 'ahsan/editing'

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (ahsan/editing)**

$ nano Editing.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (ahsan/editing)**

$ git status

On branch ahsan/editing

Untracked files:

(use "git add <file>..." to include in what will be committed)

Editing.txt

nothing added to commit but untracked files present (use "git add" to track)

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (ahsan/editing)**

$ git add Editing.txt

warning: LF will be replaced by CRLF in Editing.txt.

The file will have its original line endings in your working directory

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (ahsan/editing)**

$ git commit -m "Editing File is Added!"

[ahsan/editing cc4f36c] Editing File is Added!

1 file changed, 1 insertion(+)

create mode 100644 Editing.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (ahsan/editing)**

$ git status

On branch ahsan/editing

nothing to commit, working tree clean

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (ahsan/editing)**

$ git log

commit cc4f36cf1fc75a3219536bb6ee181b14451bdaaa (HEAD -> ahsan/editing)

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:43:00 2022 +0500

Editing File is Added!

commit 46c565073c2c2d3c52464bbb3adf654163f02684 (master, dev)

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:35:47 2022 +0500

Ahsan.txt updated file Added!

commit f926e3d94b1ee497a25706abaac6c82372071b53

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:34:29 2022 +0500

Diff.txt is Added!

commit 18f0b5712275004b912f4ce530072cfaf9f6dab6

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:29:46 2022 +0500

Ahsan.txt is Added!

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (ahsan/editing)**

$ git checkout dev

Switched to branch 'dev'

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (dev)**

$ git merge ahsan/editing

Updating 46c5650..cc4f36c

Fast-forward

Editing.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 Editing.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (dev)**

$ git log

commit cc4f36cf1fc75a3219536bb6ee181b14451bdaaa (HEAD -> dev, ahsan/editing)

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:43:00 2022 +0500

Editing File is Added!

commit 46c565073c2c2d3c52464bbb3adf654163f02684 (master)

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:35:47 2022 +0500

Ahsan.txt updated file Added!

commit f926e3d94b1ee497a25706abaac6c82372071b53

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:34:29 2022 +0500

Diff.txt is Added!

commit 18f0b5712275004b912f4ce530072cfaf9f6dab6

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:29:46 2022 +0500

Ahsan.txt is Added!

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (dev)**

$ git checkout master

Switched to branch 'master'

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git merge dev

Updating 46c5650..cc4f36c

Fast-forward

Editing.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 Editing.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git log

commit cc4f36cf1fc75a3219536bb6ee181b14451bdaaa (HEAD -> master, dev, ahsan/editing)

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:43:00 2022 +0500

Editing File is Added!

commit 46c565073c2c2d3c52464bbb3adf654163f02684

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:35:47 2022 +0500

Ahsan.txt updated file Added!

commit f926e3d94b1ee497a25706abaac6c82372071b53

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:34:29 2022 +0500

Diff.txt is Added!

commit 18f0b5712275004b912f4ce530072cfaf9f6dab6

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:29:46 2022 +0500

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ touch secretkey.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ touch .gitignore

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ nano .gitignore

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git status

On branch master

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore

nothing added to commit but untracked files present (use "git add" to track)

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ nano .gitignore

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git status

On branch master

nothing to commit, working tree clean

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git remote -v

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git remote add origin https://github.com/DevAhsaNOp/LetsLearnGit.git

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git remote -v

origin https://github.com/DevAhsaNOp/LetsLearnGit.git (fetch)

origin https://github.com/DevAhsaNOp/LetsLearnGit.git (push)

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git remote set-url origin https://github.com/DevAhsaNOp/Git-Control.git

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git remote -v

origin https://github.com/DevAhsaNOp/Git-Control.git (fetch)

origin https://github.com/DevAhsaNOp/Git-Control.git (push)

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git branch -M master

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git push -u origin master

Enumerating objects: 12, done.

Counting objects: 100% (12/12), done.

Delta compression using up to 16 threads

Compressing objects: 100% (7/7), done.

Writing objects: 100% (12/12), 1.02 KiB | 1.02 MiB/s, done.

Total 12 (delta 1), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (1/1), done.

To https://github.com/DevAhsaNOp/Git-Control.git

\* [new branch] master -> master

Branch 'master' set up to track remote branch 'master' from 'origin'.

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ nano Editing.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git status

On branch master

Your branch is up to date with 'origin/master'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Editing.txt

no changes added to commit (use "git add" and/or "git commit -a")

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git add .

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git status

On branch master

Your branch is up to date with 'origin/master'.

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: Editing.txt

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git commit -m "Editing File Modified!"

[master f77d4ba] Editing File Modified!

1 file changed, 1 insertion(+)

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git status

On branch master

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

nothing to commit, working tree clean

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git push

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Delta compression using up to 16 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 302 bytes | 302.00 KiB/s, done.

Total 3 (delta 1), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/DevAhsaNOp/Git-Control.git

cc4f36c..f77d4ba master -> master

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git log

commit f77d4baf767d258dbb920d352b470c618ff8f0c6 (HEAD -> master, origin/master)

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:59:53 2022 +0500

Editing File Modified!

commit cc4f36cf1fc75a3219536bb6ee181b14451bdaaa (dev, ahsan/editing)

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:43:00 2022 +0500

Editing File is Added!

commit 46c565073c2c2d3c52464bbb3adf654163f02684

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:35:47 2022 +0500

Ahsan.txt updated file Added!

commit f926e3d94b1ee497a25706abaac6c82372071b53

Author: DevAhsan <ahnkhan804@gmail.com>

Date: Sat Feb 12 23:34:29 2022 +0500

Diff.txt is Added!

**ahnkh@DESKTOP-NV0R77S MINGW64 ~/Downloads/Git Repo (master)**

$ git push --all

Total 0 (delta 0), reused 0 (delta 0), pack-reused 0

To https://github.com/DevAhsaNOp/Git-Control.git

\* [new branch] ahsan/editing -> ahsan/editing

\* [new branch] dev -> dev