

Verinite Technologies Pvt Ltd

Git Assignment

pull: Get the latest changes from a remote repository.

checkout: Switch to a different branch or commit in your repository.

commit: Save your changes with a message describing what you did.

push: Send your committed changes to a remote repository.

switch to branch: Change to a different branch in your repository.

trunk: It is typically referred to as the "master" branch. It's the default branch name in Git repositories.

```
PS C:\Users\deeptiwani\git\Git> git status
```

On branch main

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

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

modified: README.md

Untracked files:

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

index.html

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

```
PS C:\Users\deeptiwani\git\Git> git add .
```

```
PS C:\Users\deeptiwani\git\Git> git status
```

On branch main

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

Changes to be committed:

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

modified: README.md

new file: index.html

```
PS C:\Users\deeptiwani\git\Git> git commit -m "Add new paragraph"
```

[main 5ea3ac2] Add new paragraph

Committer: Deepti Wani <Deeptiwani@VERINITE1.local>

Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly. Run the
your configuration file:

your configuration file:

```
git config --global --edit
```

ith:

```
git commit --amend --reset-author
```

2 files changed, 1 insertion(+), 1 deletion(-)

create mode 100644 index.html

```
PS C:\Users\deeptiwani\git\Git> git push origin main
```

Enumerating objects: 6, done.

Counting objects: 100% (6/6), done.

Delta compression using up to 8 threads

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

Writing objects: 100% (4/4), 331 bytes | 331.00 KiB/s, done.

Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To <https://github.com/DeeptiWani/Git.git>

fc49001..5ea3ac2 main -> main

PS C:\Users\deeptiwani\git\Git\LocalRepo> git status

PS C:\Users\deeptiwani\git\Git\LocalRepo> git status

On branch main

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

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: ../index.html

Untracked files:

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

./

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

C:\Users\deeptiwani\git\Git\LocalRepo> git add .

PS C:\Users\deeptiwani\git\Git\LocalRepo> git status

On branch main

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

Changes to be committed:

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

new file: index.html

new file: style.css

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: ../index.html

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git commit -m "Add Initial Files"
```

```
[main 908d5f8] Add Initial Files
```

```
Committer: Deepti Wani <Deeptiwani@VERINITE1.local>
```

Your name and email address were configured automatically based on your username and hostname. Please check that they are accurate. You can suppress this message by setting them explicitly. Run the following command and follow the instructions in your editor to edit your configuration file:

```
git config --global --edit
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

```
2 files changed, 4 insertions(+)
```

```
2 files changed, 4 insertions(+)
```

create mode 100644 LocalRepo/index.html

create mode 100644 LocalRepo/style.css

PS C:\Users\deeptiwani\git\Git\LocalRepo> git status

On branch main

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

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

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: ../index.html

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

C:\Users\deeptiwani\git\Git\LocalRepo> git branch

* main

PS C:\Users\deeptiwani\git\Git\LocalRepo> git push origin main

Enumerating objects: 6, done.

Counting objects: 100% (6/6), done.

Delta compression using up to 8 threads

Compressing objects: 100% (3/3), done.

Writing objects: 100% (5/5), 465 bytes | 232.00 KiB/s, done.

Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To https://github.com/DeeptiWani/Git.git

5ea3ac2..908d5f8 main -> main

PS C:\Users\deeptiwani\git\Git\LocalRepo> git add .

PS C:\Users\deeptiwani\git\Git\LocalRepo> git commit -m "Add Readme"

[main 0e723f4] Add Readme

Committer: Deepti Wani <Deeptiwani@VERINITE1.local>

Your name and email address were configured automatically based on your username and hostname. Please check that they are accurate. You can suppress this message by setting them explicitly. Run the following command and follow the instructions in your editor to edit your configuration file:

```
git config --global --edit
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

1 file changed, 1 insertion(+)

create mode 100644 LocalRepo/README.md

PS C:\Users\deeptiwani\git\Git\LocalRepo> git push

Enumerating objects: 6, done.

Counting objects: 100% (6/6), done.

Delta compression using up to 8 threads

Compressing objects: 100% (3/3), done.

Writing objects: 100% (4/4), 459 bytes | 114.00 KiB/s, done.

Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To <https://github.com/DeeptiWani/Git.git>

908d5f8..0e723f4 main -> main

PS C:\Users\deeptiwani\git\Git\LocalRepo> git add .

PS C:\Users\deeptiwani\git\Git\LocalRepo> git commit -m "Fixed readme"

[main 21101af] Fixed readme

Committer: Deepti Wani <Deeptiwani@VERINITE1.local>

Your name and email address were configured automatically based on your username and hostname. Please check that they are accurate. You can suppress this message by setting them explicitly. Run the following command and follow the instructions in your editor to edit your configuration file:

```
git config --global --edit
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

1 file changed, 1 insertion(+), 1 deletion(-)

PS C:\Users\deeptiwani\git\Git\LocalRepo> git push

Enumerating objects: 7, done.

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

Delta compression using up to 8 threads

Compressing objects: 100% (3/3), done.

Writing objects: 100% (4/4), 460 bytes | 460.00 KiB/s, done.

Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To <https://github.com/DeeptiWani/Git.git>

0e723f4..21101af main -> main

PS C:\Users\deeptiwani\git\Git\LocalRepo> git branch

* main

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git checkout -b feature1
```

Switched to a new branch 'feature1'

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git branch
```

```
* feature1
```

```
main
```

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git checkout feature1
```

```
M      index.html
```

Already on 'feature1'

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git checkout -b feature2
```

Switched to a new branch 'feature2'

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git branch
```

```
feature1
```

```
* feature2
```

```
main
```

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git checkout feature1
```

```
M      index.html
```

Switched to branch 'feature1'

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git branch
```

```
* feature1
```

```
feature2
```

```
main
```

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git status
```

On branch feature1

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: ../index.html

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

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git add .
```

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git commit -m"Add new feature"
```

[feature1 43347e7] Add new feature

Committer: Deepti Wani <Deeptiwani@VERINITE1.local>

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```
git config --global --edit
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

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

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git status
```

On branch feature1

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: ../index.html

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

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git checkout main
```

```
M      index.html
```

Switched to branch 'main'

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

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git checkout feature1
```

```
M      index.html
```

Switched to branch 'feature1'

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git push
```

fatal: The current branch feature1 has no upstream branch.

To push the current branch and set the remote as upstream, use

```
git push --set-upstream origin feature1
```

To have this happen automatically for branches without a tracking

upstream, see 'push.autoSetupRemote' in 'git help config'.

```
PS C:\Users\deeptiwani\git\Git\LocalRepo> git log
```

```
commit 43347e7f10d82acd3c77e8497a932d2c34c28ba7 (HEAD -> feature1)
```

```
Author: Deepti Wani <Deeptiwani@VERINITE1.local>
```

```
Date: Tue Jul 2 16:48:20 2024 +0530
```

Add new feature

```
commit 21101af8e37e9f1f8e89e636300921249ad23671 (origin/main, origin/HEAD, main, feature2)
```

Author: Deepti Wani <Deeptiwani@VERINITE1.local>

Date: Tue Jul 2 16:38:52 2024 +0530

Fixed readme

commit 0e723f404da2d2b2296b6d47c3f5c618fc062276

set mark: ...skipping...

commit 43347e7f10d82acd3c77e8497a932d2c34c28ba7 (HEAD -> feature1)

Author: Deepti Wani <Deeptiwani@VERINITE1.local>

Date: Tue Jul 2 16:48:20 2024 +0530

Add new feature

commit 21101af8e37e9f1f8e89e636300921249ad23671 (origin/main, origin/HEAD, main, feature2)

Author: Deepti Wani <Deeptiwani@VERINITE1.local>

Date: Tue Jul 2 16:38:52 2024 +0530

Fixed readme

commit 0e723f404da2d2b2296b6d47c3f5c618fc062276

Author: Deepti Wani <Deeptiwani@VERINITE1.local>

Date: Tue Jul 2 16:37:33 2024 +0530

Add Readme

commit 908d5f84a5ba10a392648c5c43720b13c058e5cf

Author: Deepti Wani <Deeptiwani@VERINITE1.local>

Date: Tue Jul 2 16:29:31 2024 +0530

Add Initial Files

commit 5ea3ac2c068b118e7b0c1a1eedb6e0ec26a7bb65

Author: Deepti Wani <Deeptiwani@VERINITE1.local>

Date: Tue Jul 2 16:12:35 2024 +0530

Add new paragraph

commit fc4900109a9138d480ed69126f5cd898938bfd4d

Author: Deepti Wani <142917253+DeeptiWani@users.noreply.github.com>

Date: Tue Jul 2 15:48:46 2024 +0530

commit 43347e7f10d82acd3c77e8497a932d2c34c28ba7 (HEAD -> feature1)

Author: Deepti Wani <Deeptiwani@VERINITE1.local>

Date: Tue Jul 2 16:48:20 2024 +0530

Add new feature

commit 21101af8e37e9f1f8e89e636300921249ad23671 (origin/main, origin/HEAD, main, feature2)

Author: Deepti Wani <Deeptiwani@VERINITE1.local>

Date: Tue Jul 2 16:38:52 2024 +0530

Fixed readme

commit 0e723f404da2d2b2296b6d47c3f5c618fc062276

Author: Deepti Wani <Deeptiwani@VERINITE1.local>

Date: Tue Jul 2 16:37:33 2024 +0530

Add Readme

commit 908d5f84a5ba10a392648c5c43720b13c058e5cf

Author: Deepti Wani <Deeptiwani@VERINITE1.local>

Date: Tue Jul 2 16:29:31 2024 +0530

Add Initial Files

commit 5ea3ac2c068b118e7b0c1a1eedb6e0ec26a7bb65

Author: Deepti Wani <Deeptiwani@VERINITE1.local>

Date: Tue Jul 2 16:12:35 2024 +0530

Add new paragraph

commit fc4900109a9138d480ed69126f5cd898938bfd4d

Author: Deepti Wani <142917253+DeeptiWani@users.noreply.github.com>

Date: Tue Jul 2 15:48:46 2024 +0530

Initial commit

PS C:\Users\deeptiwani\git\Git> git reset

Unstaged changes after reset:

M LocalRepo/index.html

M index.html

PS C:\Users\deeptiwani\git\Git> git status

On branch feature1

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: LocalRepo/index.html

modified: index.html

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

PS C:\Users\deeptiwani\git\Git> git add .

PS C:\Users\deeptiwani\git\Git> git commit -m "Delete added feature"

[feature1 a0c90da] Delete added feature

Committer: Deepti Wani <Deeptiwani@VERINITE1.local>

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following command and follow the instructions in your editor to edit
your configuration file:

git config --global --edit

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

```
2 files changed, 2 insertions(+), 1 deletion(-)
```

```
PS C:\Users\deeptiwani\git\Git> git status
```

```
On branch feature1
```