

Git Commands

```
Command Prompt
Microsoft Windows [Version 10.0.22621.1105]
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C:\Users\akkis>cd git

C:\Users\akkis\git>git config --global user.name "Nagarjuna"

C:\Users\akkis\git>git config --global user.email "Nagarjuna@wissen.com"

C:\Users\akkis\git>git init
Initialized empty Git repository in C:/Users/akkis/git/.git/

C:\Users\akkis\git>notepad first.java

C:\Users\akkis\git>git add first.java

C:\Users\akkis\git>git commit -m "first.java added"
[master (root-commit) 0782f9b] first.java added
1 file changed, 7 insertions(+)
create mode 100644 first.java

C:\Users\akkis\git>git status
On branch master
nothing to commit, working tree clean

C:\Users\akkis\git>git log
commit 0782f9b0f409cf1adccecf2bf910a1a98e9460ee9 (HEAD -> master)
Author: Nagarjuna <Nagarjuna@wissen.com>
Date: Mon Feb 13 21:26:27 2023 +0530

    first.java added

C:\Users\akkis\git>
```

```
C:\Users\akkis\git>git diff first.java

C:\Users\akkis\git>git diff first.java
diff --git a/first.java b/first.java
index fec0ea7..7b648b6 100644
--- a/first.java
+++ b/first.java
@@ -4,5 +4,6 @@ public class first
 {
     System.out.println("Helooo.....");
+    System.out.println("World.....");
+    System.out.println("Humans");
 }
\ No newline at end of file

C:\Users\akkis\git>
```

```
C:\Users\akkis\git>git branch
* master

C:\Users\akkis\git>git branch branch-1

C:\Users\akkis\git>git branch
branch-1
* master

C:\Users\akkis\git>git checkout branch-1
Switched to branch 'branch-1'
M    first.java

C:\Users\akkis\git>git branch
branch-1
* master

C:\Users\akkis\git>notepad world.txt

C:\Users\akkis\git>git add world.txt

C:\Users\akkis\git>git commit -m "world.txt committed"
[branch-1 565f940] world.txt committed
1 file changed, 1 insertion(+)
create mode 100644 world.txt

C:\Users\akkis\git>git checkout master
Switched to branch 'master'
M    first.java

C:\Users\akkis\git>git checkout branch-1
Switched to branch 'branch-1'
M    first.java

C:\Users\akkis\git>git merge branch-1
Already up to date.

C:\Users\akkis\git>git branch
branch-1
* master

C:\Users\akkis\git>git checkout master
Switched to branch 'master'
```

```
C:\Users\akkis\git>git add world.txt

C:\Users\akkis\git>git commit -m "world.txt committed"
[branch-1 565f940] world.txt committed
1 file changed, 1 insertion(+)
create mode 100644 world.txt

C:\Users\akkis\git>git checkout master
Switched to branch 'master'
M       first.java

C:\Users\akkis\git>git checkout branch-1
Switched to branch 'branch-1'
M       first.java

C:\Users\akkis\git>git merge branch-1
Already up to date.

C:\Users\akkis\git>git branch
* branch-1
  master

C:\Users\akkis\git>git checkout master
Switched to branch 'master'
M       first.java

C:\Users\akkis\git>git branch
  branch-1
* master

C:\Users\akkis\git>git merge branch-1
Updating 03304ee..565f940
Fast-forward
 world.txt | 1 +
1 file changed, 1 insertion(+)
create mode 100644 world.txt

C:\Users\akkis\git>git checkout branch-1
Switched to branch 'branch-1'
M       first.java

C:\Users\akkis\git>
```

```
Microsoft Windows [Version 10.0.22621.1105]
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C:\Users\akkis\demo>git init
Initialized empty Git repository in C:/Users/akkis/demo/.git/

C:\Users\akkis\demo>git remote add origin https://github.com/akkisettynagarjuna/demo.git

C:\Users\akkis\demo>git pull https://github.com/akkisettynagarjuna/demo.git
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 639 bytes | 58.00 KiB/s, done.
From https://github.com/akkisettynagarjuna/demo
 * branch            HEAD              -> FETCH_HEAD

C:\Users\akkis\demo>git push origin master
info: please complete authentication in your browser...
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/akkisettynagarjuna/demo/pull/new/master
remote:
To https://github.com/akkisettynagarjuna/demo.git
 * [new branch]      master -> master
```

```
C:\Users\akkis\demo>git push origin master
Everything up-to-date

C:\Users\akkis\demo>git push origin master
Everything up-to-date

C:\Users\akkis\demo>git remote add origin https://github.com/akkisettynagarjuna/demo.git
error: remote origin already exists.

C:\Users\akkis\demo>git push origin master
Everything up-to-date

C:\Users\akkis\demo>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:   practice.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        demol.txt

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

```
C:\Users\akkis\demo>git add .

C:\Users\akkis\demo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   demo1.txt
        modified:   practice.txt

C:\Users\akkis\demo>git commit -m "push files added"
[master 871c6ee] push files added
 2 files changed, 3 insertions(+)
 create mode 100644 demo1.txt

C:\Users\akkis\demo>git push origin master
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), 355 bytes | 355.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/akkisettynagarjuna/demo.git
 7c30da9..871c6ee master -> master

C:\Users\akkis\demo>
```

```
C:\Users\akkis\git>git clone https://github.com/akkisettynagarjuna/clone.git
Cloning into 'clone'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

C:\Users\akkis\git>
```

```
C:\Users\akkis\git>notepad yo.txt

C:\Users\akkis\git>type yo.txt
version 1

C:\Users\akkis\git>git add yo.txt

C:\Users\akkis\git>git commit -m "v1 Committed"
[master a9cd327] v1 Committed
 1 file changed, 1 insertion(+)
 create mode 100644 yo.txt

C:\Users\akkis\git>type yo.txt
version 1
```

```
C:\Users\akkis\git>git tag v1.0

C:\Users\akkis\git>git add yo.txt

C:\Users\akkis\git>git commit -m"v2 Committed"
[master 06ef2fa] v2 Committed
1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\akkis\git>type
The syntax of the command is incorrect.

C:\Users\akkis\git>type yo.txt
version 2

C:\Users\akkis\git>git tag v2.0

C:\Users\akkis\git>type yo.txt
version 2
```

```
C:\Users\akkis\git>git branch
* (HEAD detached at v2.0)
  branch-1
  master

C:\Users\akkis\git>git add yo.txt

C:\Users\akkis\git>git commit -m"v3 Committed"
[detached HEAD 1f741e8] v3 Committed
1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\akkis\git>git tag v3.0

C:\Users\akkis\git>type yo.txt
version 3

C:\Users\akkis\git>git branch
* (HEAD detached from v2.0)
  branch-1
  master

C:\Users\akkis\git>git checkout v1.0
Previous HEAD position was 1f741e8 v3 Committed
HEAD is now at a9cd327 v1 Committed

C:\Users\akkis\git>type yo.txt
version 1

C:\Users\akkis\git>git checkout v2.0
Previous HEAD position was a9cd327 v1 Committed
HEAD is now at 06ef2fa v2 Committed
```