

Microsoft Windows [Version 10.0.19045.2728]
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Getting the version of Git in system

```
C:\Users\bvcoew>git --version  
git version 2.35.2.windows.1
```

Creating a Folder

```
C:\Users\bvcoew>mkdir WAD
```

Working in Current Directory

```
C:\Users\bvcoew>cd WAD
```

Initialization of Git Repository

```
C:\Users\bvcoew\WAD>git init  
Initialized empty Git repository in C:/Users/bvcoew/WAD/.git/
```

Adding all files available in that folder

```
C:\Users\bvcoew\WAD>git add .
```

Getting Status

```
C:\Users\bvcoew\WAD>git status  
On branch master
```

No commits yet

Changes to be committed:

```
(use "git rm --cached <file>..." to unstage)  
    new file:   Demo.txt
```

Configuring and accessing github account

```
C:\Users\bvcoew\WAD>git config --global user.email "aminahshaikh0@gmail.com"
```

```
C:\Users\bvcoew\WAD>git config --global user.name "Aminah09"
```

Adding file to repository

```
C:\Users\bvcoew\WAD>git remote add origin "https://github.com/Aminah09/WAD.git"
```

```
C:\Users\bvcoew\WAD>git commit -m "Commit"
```

```
[master (root-commit) 983238d] Commit  
1 file changed, 2 insertions(+)  
create mode 100644 Demo.txt
```

Getting status

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

Pushing file to repository on Github

```
C:\Users\bvcoew\WAD>git push -u origin master  
info: please complete authentication in your browser...  
Enumerating objects: 3, done.  
Counting objects: 100% (3/3), done.  
Writing objects: 100% (3/3), 219 bytes | 219.00 KiB/s, done.
```

```
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Aminah09/WAD.git
* [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

Getting status

```
C:\Users\bvcoew\WAD>git status
On branch master
Your branch is up to date with 'origin/master'.
```

nothing to commit, working tree clean

Adding Updated file Demo.txt to a repository

```
C:\Users\bvcoew\WAD>git add --all
```

```
C:\Users\bvcoew\WAD>git commit -a -m "Updated Demo.txt with new lines."
[master f651987] Updated Demo.txt with new lines.
1 file changed, 3 insertions(+), 1 deletion(-)
```

Pushing the updated file on github or updating that file.

```
C:\Users\bvcoew\WAD>git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Writing objects: 100% (3/3), 293 bytes | 293.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Aminah09/WAD.git
983238d..f651987 master -> master
branch 'master' set up to track 'origin/master'.
```

Getting history

```
C:\Users\bvcoew\WAD>git log
commit f6519875070b84197c4e9f1d1e4ab92361f84412 (HEAD -> master, origin/master)
Author: Aminah09 <aminahshaikh0@gmail.com>
Date: Tue Apr 11 12:13:21 2023 +0530
```

Updated Demo.txt with new lines.

```
commit 983238de2b8b681d5a722474f46fdcf579e32587
Author: Aminah09 <aminahshaikh0@gmail.com>
Date: Tue Apr 11 12:06:29 2023 +0530
```

Commit

Pulling file from repository on Github

```
C:\Users\bvcoew\WAD>git pull https://github.com/Aminah09/WAD.git
From https://github.com/Aminah09/WAD
* branch      HEAD      -> FETCH_HEAD
Already up to date.
```

git help command

```
C:\Users\bvcoew\WAD>git --help
usage: git [-v | --version] [-h | --help] [-C <path>] [-c <name>=<value>]
          [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
          [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]
```

```
[--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]  
[--config-env=<name>=<envvar>] <command> [<args>]
```

These are common Git commands used in various situations:

start a working area (see also: `git help tutorial`)

<code>clone</code>	Clone a repository into a new directory
<code>init</code>	Create an empty Git repository or reinitialize an existing one

work on the current change (see also: `git help everyday`)

<code>add</code>	Add file contents to the index
<code>mv</code>	Move or rename a file, a directory, or a symlink
<code>restore</code>	Restore working tree files
<code>rm</code>	Remove files from the working tree and from the index

examine the history and state (see also: `git help revisions`)

<code>bisect</code>	Use binary search to find the commit that introduced a bug
<code>diff</code>	Show changes between commits, commit and working tree, etc
<code>grep</code>	Print lines matching a pattern
<code>log</code>	Show commit logs
<code>show</code>	Show various types of objects
<code>status</code>	Show the working tree status

grow, mark and tweak your common history

<code>branch</code>	List, create, or delete branches
<code>commit</code>	Record changes to the repository
<code>merge</code>	Join two or more development histories together
<code>rebase</code>	Reapply commits on top of another base tip
<code>reset</code>	Reset current HEAD to the specified state
<code>switch</code>	Switch branches
<code>tag</code>	Create, list, delete or verify a tag object signed with GPG

collaborate (see also: `git help workflows`)

<code>fetch</code>	Download objects and refs from another repository
<code>pull</code>	Fetch from and integrate with another repository or a local branch
<code>push</code>	Update remote refs along with associated objects

'`git help -a`' and '`git help -g`' list available subcommands and some

concept guides. See '`git help <command>`' or '`git help <concept>`'

to read about a specific subcommand or concept.

See '`git help git`' for an overview of the system.