```
manoj@DESKTOP-VLHB2L6:~/git-task-2$ git --version
git version 2.43.0
manoj@DESKTOP-VLHB2L6:~/git-task-2$ |
```

```
manoj@DESKTOP-VLHB2L6:~/git-task-2$ cd ..
manoj@DESKTOP-VLHB2L6:~$ mkdir git-task-2-fresh
manoj@DESKTOP-VLHB2L6:~$ cd git-task-2-fresh
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/manoj/git-task-2-fresh/.git/
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$
```

```
manoj@DESKTOP-VLHB2L6:~/git-task-2$ git version
git version 2.43.0
manoj@DESKTOP-VLHB2L6:~/git-task-2$ git config --global user.name "Devipriya Chintala"
manoj@DESKTOP-VLHB2L6:~/git-task-2$ git config --global user.email "priyachintala269gmail.com"
manoj@DESKTOP-VLHB2L6:~/git-task-2$
```

```
Initialized empty Git repository in /home/manoj/git-task-2-fresh/.git/
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git branch -m main
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git init
Reinitialized existing Git repository in /home/manoj/git-task-2-fresh/.git/
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ ls -a
.  ..  .git
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$
```

Create a new repository

Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository](#).

Required fields are marked with an asterisk (*).

1   General

Owner *

    ⬤ Devipriyachintala ▾   **/**

Repository name *

git-task-2-fresh

✅ git-task-2-fresh is available.

Great repository names are short and memorable. How about **scaling-octo-system**?

Description

0 / 350 characters

2   Configuration

Choose visibility *

Choose who can see and commit to this repository

🖥 Public ▾

```
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git add file1.txt
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git status
On branch main

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   file1.txt

manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git commit -m "First commit"
[main (root-commit) acf9c8a] First commit
 1 file changed, 1 insertion(+)
 create mode 100644 file1.txt
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git log
commit acf9c8a35d65be5d7a7239154133faf55382fe3c (HEAD -> main)
Author: Devipriya Chintala <priyachintala269@gmail.com>
Date:   Fri Jan 16 14:21:09 2026 +0000

    First commit
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$
```

```
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ touch file1.txt
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ nano file1.txt
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git status
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file1.txt

nothing added to commit but untracked files present (use "git add" to track)
```
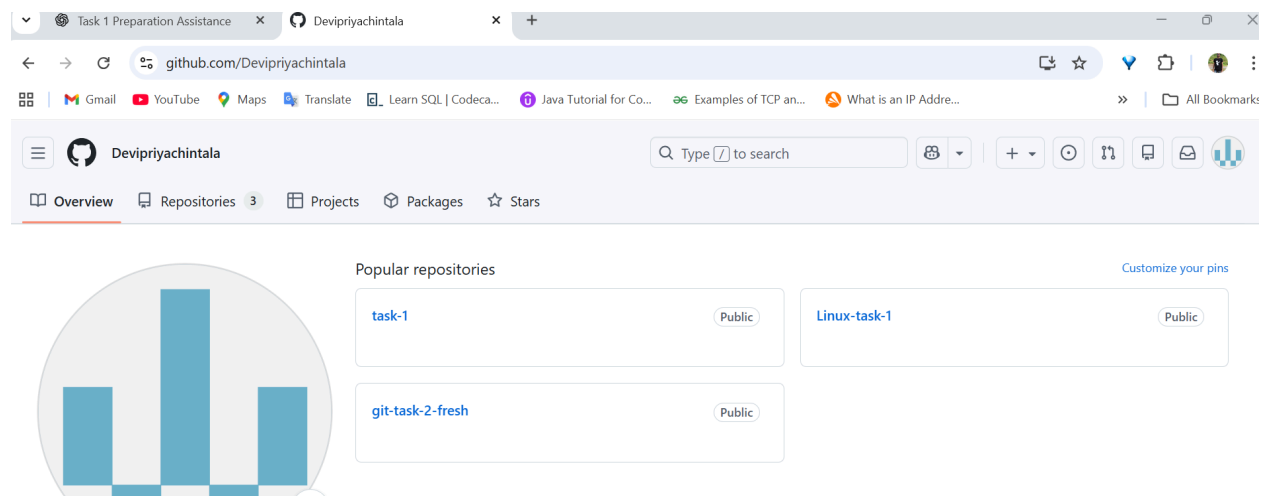
```
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git remote add origin <htt
-bash: syntax error near unexpected token `newline'
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git remote add origin http
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git remote -v
origin  https://github.com/Devipriyachintala/git-task-2-fresh.git (f
origin  https://github.com/Devipriyachintala/git-task-2-fresh.git (p
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$
```

```
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git push -u origin main
Username for 'https://github.com': Devipriyachintala
Password for 'https://Devipriyachintala@github.com':
remote: Invalid username or token. Password authentication is not supported for Git operations.
fatal: Authentication failed for 'https://github.com/Devipriyachintala/git-task-2-fresh.git/'
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git push -u origin main
Username for 'https://github.com': Devipriyachintala
Password for 'https://Devipriyachintala@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 254 bytes | 254.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Devipriyachintala/git-task-2-fresh.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$
```

Task 1 Preparation Assistance   Devipriyachintala

github.com/Devipriyachintala

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Devipriyachintala

Type / to search

Overview   Repositories **3**   Projects   Packages   Stars

Popular repositories   Customize your pins

| task-1 | Public |
| Linux-task-1 | Public |

| git-task-2-fresh | Public |

```
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git log
commit 44de34d85e5fc02223a9e9a62f062c55107be19d (HEAD -> main, origin/main, feature-branch)
Author: Devipriya Chintala <priyachintala269@gmail.com>
Date:   Fri Jan 16 15:05:55 2026 +0000

    Updated file in feature branch

commit acf9c8a35d65be5d7a7239154133faf55382fe3c
Author: Devipriya Chintala <priyachintala269@gmail.com>
Date:   Fri Jan 16 14:21:09 2026 +0000

    First commit
```

```
manoj@DESKTOP-VLHB2L6: ~                ×        +      ∨

manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git branch
* main
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git checkout -b feature-branch
Switched to a new branch 'feature-branch'
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ nano file1.txt
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git add file1.txt
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git commit -m "Updated file in feature branch"
[feature-branch 44de34d] Updated file in feature branch
 1 file changed, 1 insertion(+), 1 deletion(-)
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git merge feature-branch
Updating acf9c8a..44de34d
Fast-forward
 file1.txt | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git push
Username for 'https://github.com': Devipriyachintala
Password for 'https://Devipriyachintala@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 323 bytes | 323.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Devipriyachintala/git-task-2-fresh.git
   acf9c8a..44de34d  main -> main
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$
```

```
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git checkout main
Already on 'main'
Your branch is up to date with 'origin/main'.
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git log
commit 44de34d85e5fc02223a9e9a62f062c55107be19d (HEAD -> main, origin/main, feature-branch)
Author: Devipriya Chintala <priyachintala269@gmail.com>
Date:   Fri Jan 16 15:05:55 2026 +0000

    Updated file in feature branch

commit acf9c8a35d65be5d7a7239154133faf55382fe3c
Author: Devipriya Chintala <priyachintala269@gmail.com>
Date:   Fri Jan 16 14:21:09 2026 +0000

    First commit
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git reset --hard <44de34d85e5fc02223a9e9a62f062c55107be19d>
-bash: syntax error near unexpected token `newline'
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git reset --hard 44de34d85e5fc02223a9e9a62f062c55107be19d
HEAD is now at 44de34d Updated file in feature branch
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$
```

```
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git checkout <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>
-bash: syntax error near unexpected token `newline'
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git log
commit 44de34d85e5fc02223a9e9a62f062c55107be19d (HEAD -> main, origin/main, feature-branch)
Author: Devipriya Chintala <priyachintala269@gmail.com>
Date:   Fri Jan 16 15:05:55 2026 +0000

    Updated file in feature branch

commit acf9c8a35d65be5d7a7239154133faf55382fe3c
Author: Devipriya Chintala <priyachintala269@gmail.com>
Date:   Fri Jan 16 14:21:09 2026 +0000

    First commit
manoj@DESKTOP-VLHB2L6:~/git-task-2-fresh$ git checkout 44de34d85e5fc02223a9e9a62f062c55107be19d
Note: switching to '44de34d85e5fc02223a9e9a62f062c55107be19d'.

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
```