



```
ubuntu@ip-172-31-87-152:~$ 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/ubuntu/.git/
ubuntu@ip-172-31-87-152:~$ git checkout -b develop
Switched to a new branch 'develop'
ubuntu@ip-172-31-87-152:~$ git branch
ubuntu@ip-172-31-87-152:~$ echo "Develop branch initialized" > develop.txt
ubuntu@ip-172-31-87-152:~$ git add develop.txt
ubuntu@ip-172-31-87-152:~$ git commit -m "Initialized develop branch"
[develop (root-commit) fa6758f] Initialized develop branch
Committer: Ubuntu <ubuntu@ip-172-31-87-152.ec2.internal>
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
```

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

1 file changed, 1 insertion(+)
create mode 100644 develop.txt
ubuntu@ip-172-31-87-152:~$ git checkout -b feature/new-feature
Switched to a new branch 'feature/new-feature'
ubuntu@ip-172-31-87-152:~$ echo "New feature implemented" > feature.txt
ubuntu@ip-172-31-87-152:~$ git add feature.txt
ubuntu@ip-172-31-87-152:~$ git commit -m "Added new feature"
[feature/new-feature 8c91a9d] Added new feature
Committer: Ubuntu <ubuntu@ip-172-31-87-152.ec2.internal>
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 feature.txt
ubuntu@ip-172-31-87-152:~$
```

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on currently recommended modes of authentication.

```
fatal: Authentication failed for 'https://github.com/rabeeht2/assi-5.git/'
ubuntu@ip-172-31-87-152:~$ git push origin feature/new-feature
Username for 'https://github.com': rabeeht2
Password for 'https://rabeeht2@github.com':
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (6/6), 548 bytes | 548.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/rabeeht2/assi-5.git
 * [new branch]      feature/new-feature -> feature/new-feature
ubuntu@ip-172-31-87-152:~$ git checkout develop
Switched to branch 'develop'
ubuntu@ip-172-31-87-152:~$ git merge feature/new-feature --no-ff -m "Merged feature into develop"
Merge made by the 'ort' strategy.
 feature.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 feature.txt
ubuntu@ip-172-31-87-152:~$
```

```
ubuntu@ip-172-31-87-152:~$ git checkout develop
Switched to branch 'develop'
ubuntu@ip-172-31-87-152:~$ git merge feature/new-feature --no-ff -m "Merged feature into develop"
Merge made by the 'ort' strategy.
 feature.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 feature.txt
ubuntu@ip-172-31-87-152:~$ git branch -d feature/new-feature
Deleted branch feature/new-feature (was 8c91a9d).
ubuntu@ip-172-31-87-152:~$ git push origin develop
Username for 'https://github.com': rabeeht2
Password for 'https://rabeeht2@github.com':
Enumerating objects: 1, done.
Counting objects: 100% (1/1), done.
Writing objects: 100% (1/1), 233 bytes | 233.00 KiB/s, done.
Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'develop' on GitHub by visiting:
remote:      https://github.com/rabeeht2/assi-5/pull/new/develop
remote:
To https://github.com/rabeeht2/assi-5.git
 * [new branch]      develop -> develop
ubuntu@ip-172-31-87-152:~$
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ubuntu@ip-172-31-87-152:~$ git checkout -b release/v1.0
Switched to a new branch 'release/v1.0'
ubuntu@ip-172-31-87-152:~$ echo "Version 1.0 ready for release" > release-notes.txt
ubuntu@ip-172-31-87-152:~$ git add release-notes.txt
ubuntu@ip-172-31-87-152:~$ git commit -m "Prepared release v1.0"
[release/v1.0 e082996] Prepared release v1.0
  Committer: Ubuntu <ubuntu@ip-172-31-87-152.ec2.internal>
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 release-notes.txt
ubuntu@ip-172-31-87-152:~$ git push origin release/v1.0
Username for 'https://github.com': rabeeht2
Password for 'https://rabeeht2@github.com':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 362 bytes | 362.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'release/v1.0' on GitHub by visiting:
remote:   https://github.com/rabeeht2/assi-5/pull/new/release/v1.0
remote:
To https://github.com/rabeeht2/assi-5.git
 * [new branch]   release/v1.0 -> release/v1.0
ubuntu@ip-172-31-87-152:~$
```

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Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'release/v1.0' on GitHub by visiting:
remote:   https://github.com/rabeeht2/assi-5/pull/new/release/v1.0
remote:
To https://github.com/rabeeht2/assi-5.git
 * [new branch]   release/v1.0 -> release/v1.0
ubuntu@ip-172-31-87-152:~$ git push origin release/v1.0
Username for 'https://github.com': rabeeht2
Password for 'https://rabeeht2@github.com':
Everything up-to-date
ubuntu@ip-172-31-87-152:~$ git checkout master
error: pathspec 'master' did not match any file(s) known to git
ubuntu@ip-172-31-87-152:~$ git branch master
ubuntu@ip-172-31-87-152:~$ git checkout master
Switched to branch 'master'
ubuntu@ip-172-31-87-152:~$ git merge release/v1.0 --no-ff -m "Released version 1.0"
Already up to date.
ubuntu@ip-172-31-87-152:~$ git tag -a v1.0 -m "Version 1.0 released"
ubuntu@ip-172-31-87-152:~$ git push origin v1.0
Username for 'https://github.com': rabeeht2
Password for 'https://rabeeht2@github.com':
Enumerating objects: 1, done.
Counting objects: 100% (1/1), done.
Writing objects: 100% (1/1), 176 bytes | 176.00 KiB/s, done.
Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/rabeeht2/assi-5.git
 * [new tag]      v1.0 -> v1.0
ubuntu@ip-172-31-87-152:~$
```