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ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-099d5f276165710f1&osUser=ubuntu®ion=ap-south-1&ssh...

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```
ubuntu@ip-172-31-36-172:~$ mkdir merge-conflict-demo
ubuntu@ip-172-31-36-172:~$ cd merge-conflict-demo
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ 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/merge-conflict-demo/.git/
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ echo "This is First Line" > 1.txt
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ ls -lrt
total 4
-rw-rw-r-- 1 ubuntu ubuntu 19 Jul 22 09:45 1.txt
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git add .
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git commit -m "Added 1.txt"
```

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```
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git branch
* master
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git branch feature-a
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git branch feature-b
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git checkout feature-a
git: 'checkout' is not a git command. See 'git --help'.

The most similar command is
  checkout
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git checkout feature-a
Switched to branch 'feature-a'
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ ls -lrt
total 4
-rw-rw-r-- 1 ubuntu ubuntu 19 Jul 22 09:45 1.txt
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ nano 1.txt
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git status
On branch feature-a
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:   1.txt

no changes added to commit (use "git add" and/or "git commit -a")
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$
```

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GNU nano 6.2 1.txt *

```
This is First Line
This is Second Line - added by developer-a
```

Help Write Out Where Is Cut Execute Location M-U Undo M-A Set Mark
Exit Read File Replace Paste Justify Go To Line M-E Redo M-6 Copy

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ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-099d5f276165710f1&osUser=ubuntu®ion=ap-south-1&sshPort...

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```
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git add .
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git commit -m "Added dev-a code in 1.txt"
[feature-a 3dcfa6c] Added dev-a code in 1.txt
Committer: Ubuntu <ubuntu@ip-172-31-36-172.ap-south-1.compute.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, 2 insertions(+)
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ cat 1.txt
This is First Line
This is Second Line - added by developer-a
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git branch
* feature-a
  feature-b
  master
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git checkout master
Switched to branch 'master'
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git merge feature-a
Updating 672e311..3dcfa6c
Fast-forward
```

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ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-099d5f276165710f1&osUser=ubuntu®ion=ap-south-1&ssh...

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```
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ cat 1.txt
This is First Line
This is Second Line - added by developer-a
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git branch
  feature-a
  feature-b
* master
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git checkout feature-b
Switched to branch 'feature-b'
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ nano 1.txt
```

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ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-099d5f276165710f1&osUser=ubuntu®ion=ap-south-1&ssh...

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```
GNU nano 6.2 1.txt *
This is First Line
This is Second Line -- added by developer-b

File Name to Write: 1.txt
^C Help M-D DOS Format M-A Append M-E Backup File
^C Cancel M-M Mac Format M-P Prepend M-T Browse
```

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```
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ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ cat 1.txt
This is First Line
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git branch
  feature-a
* feature-b
  master
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git checkout feature-b
Already on 'feature-b'
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ nano 1.txt
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git add .
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$ git commit -m "Added content in 1.txt"
[feature-b 1e74203] Added content in 1.txt
  Committer: Ubuntu <ubuntu@ip-172-31-36-172.ap-south-1.compute.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, 2 insertions(+)
 create mode 100644 1.txtM_B
ubuntu@ip-172-31-36-172:~/merge-conflict-demo$
```