

## 1. Configure your user name and email.

```
fatal: unable to auto-detect email address (got 'devanshu.patel@RSPL-525.(none)')
devanshu.patel@RSPL-525:~/gitPractice$ git config --global user.email "devanshu.patel@rapidops.co"
devanshu.patel@RSPL-525:~/gitPractice$ git config --global user.name "devanshu-patel12"
devanshu.patel@RSPL-525:~/gitPractice$ git commit -m "first commit"
[master (root-commit) b0edb6f] first commit
```

## 2. Clone repo of your name from GitHub to the local system.

```
devanshu.patel@RSPL-525:~/demoDir$ 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/ad.rapidops.com/devanshu.patel/demoDir/.git/
devanshu.patel@RSPL-525:~/demoDir$ git clone https://github.com/Training-Rapidops/Devanshu-Patel.git
Cloning into 'Devanshu-Patel'...
Username for 'https://github.com': devanshu-patel12
Password for 'https://devanshu-patel12@github.com':
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0
Receiving objects: 100% (6/6), done.
devanshu.patel@RSPL-525:~/demoDir$ ls
Devanshu-Patel
devanshu.patel@RSPL-525:~/demoDir$
```

## 3. Create a file inside the repo, and make your first commit "My First Commit".

```
devanshu.patel@RSPL-525:~/demoDir$ cd Devanshu-Patel/
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$ ls
README.md
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$ cat > a.txt
this is a demo file
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$ git status
On branch master
Your branch is up to date with 'origin/master'.

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

nothing added to commit but untracked files present (use "git add" to track)
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$ git add a.txt
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$ git commit -m "first commit"
[master 0fc9d00] first commit
1 file changed, 1 insertion(+)
create mode 100644 a.txt
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$
```

## 4. Create and switch to the branch 'test/development' (create from the master branch and it should be from origin).

```
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$ git branch
* master
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$ git branch test/development
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$ git branch
* master
  test/development
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$ git checkout test/development
Switched to branch 'test/development'
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$
```

## 5. Add a file in this branch and commit your changes with the message "Practice started in test branch".

```
origin https://github.com/Training-Rapidops/Devanshu-Patel.git (push)
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$ cat > test.txt
this is for test purpose
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$ git add test.txt
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$ git commit -m "Practice started in test branch"
[test/development d8c6647] Practice started in test branch
1 file changed, 1 insertion(+)
create mode 100644 test.txt
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$
```

## 6. Now push your changes and this branch to the remote.

```
create mode 100644 test.txt
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$ git status
On branch test/development
nothing to commit, working tree clean
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$ git push -u origin test/development
Username for 'https://github.com': devanshu.patel12
Password for 'https://devanshu.patel12@github.com':
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (6/6), 541 bytes | 541.00 KiB/s, done.
Total 6 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
remote:
remote: Create a pull request for 'test/development' on GitHub by visiting:
remote:   https://github.com/Training-Rapidops/Devanshu-Patel/pull/new/test/development
remote:
To https://github.com/Training-Rapidops/Devanshu-Patel.git
 * [new branch]      test/development -> test/development
Branch 'test/development' set up to track remote branch 'test/development' from 'origin'.
devanshu.patel@RSPL-525:~/demoDir/Devanshu-Patel$
```

## 7. Go to your GitHub repository and create a pull request to merge this branch in master. Also, add Ravindra & your mentor as reviewers.

### Test/development #1

**Merged** devanshu-patel12 merged 2 commits into `master` from `test/development` now

Conversation 0 | Commits 2 | Checks 0 | Files changed 2

**devanshu-patel12** commented 3 days ago

No description provided.

**devanshu-patel12** added 2 commits 3 days ago

- first commit `0fc9d00`
- Practice started in test branch `d8c6647`

**devanshu-patel12** closed this 3 days ago

**devanshu-patel12** reopened this 3 days ago

**devanshu-patel12** requested a review from **ravindra-singh31** 3 days ago

**devanshu-patel12** merged commit `af1922a` into `master` now Revert

**Pull request successfully merged and closed**  
You're all set—the `test/development` branch can be safely deleted. Delete branch

**Reviewers**  
 **ravindra-singh31**

**Assignees**  
No one assigned

**Labels**  
None yet

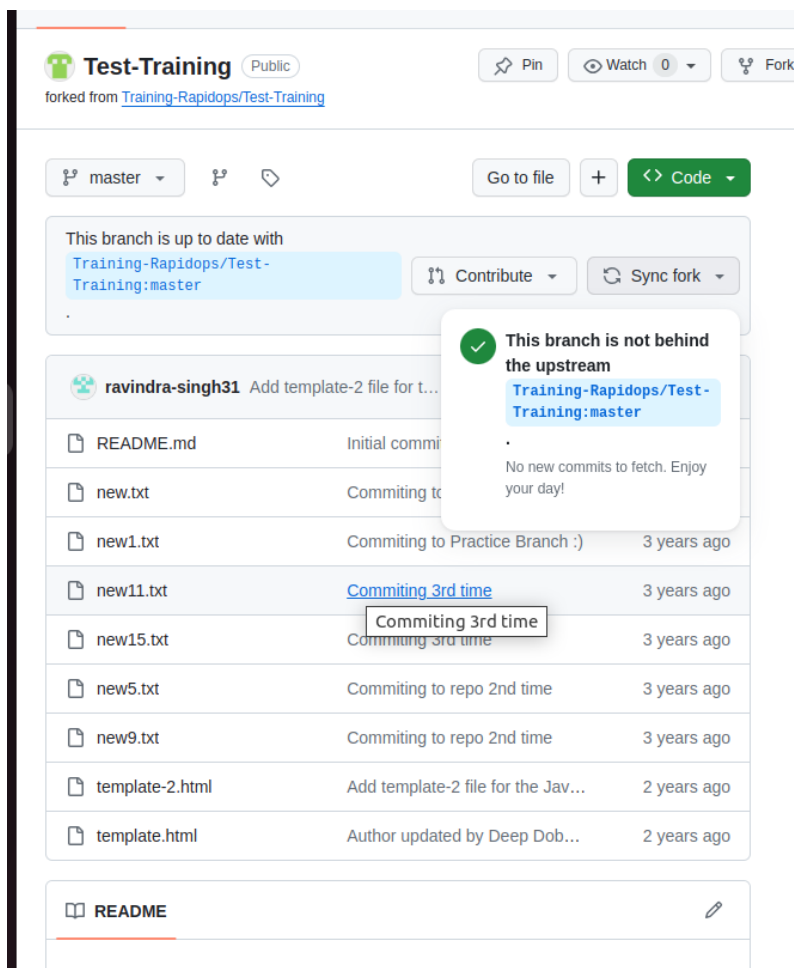
**Projects**  
None yet

**Milestone**  
No milestone

**Development**  
Successfully resolved issues.  
None yet

**Notification**  
You're receiving notifications for this pull request.

## 8. Fork a public repository Test-Training.



## 9. Make a change in the template.html file by adding 'author: {your-name}' and add commit 'Author updated by {your-name}'.

```
devanshu.patel@RSPL-525:~/demoDir/Test-Training$ git status
On branch master
Your branch is up to date with 'origin/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:   template.html

no changes added to commit (use "git add" and/or "git commit -a")
devanshu.patel@RSPL-525:~/demoDir/Test-Training$ git add template.html
devanshu.patel@RSPL-525:~/demoDir/Test-Training$ git commit -m "Updated template.html file"
[master cf422f4] Updated template.html file
 1 file changed, 1 insertion(+), 1 deletion(-)
devanshu.patel@RSPL-525:~/demoDir/Test-Training$ git push origin master
Username for 'https://github.com': devanshu-patel12
Password for 'https://devanshu-patel12@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 322 bytes | 322.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/devanshu-patel12/Test-Training.git
  7a22ee9..cf422f4  master -> master
devanshu.patel@RSPL-525:~/demoDir/Test-Training$
```

Conversation 0   Commits 1   Checks 0   Files changed 1

---

devanshu-patel12 commented now

Member ...

No description provided.

---

Updated template.html file

cf422f4

---

Add more commits by pushing to the **master** branch on **devanshu-patel12/Test-Training**.

---

This branch has no conflicts with the base branch

Only those with [write access](#) to this repository can merge pull requests.

---

### Add a comment

Write Preview

H B I <> @

Add your comment here...

Markdown is supported Paste, drop, or click to add files

Close pull request

Comment

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

**ProTip!** Add comments to specific lines under [Files changed](#).