

Git configuration

```
vipin@vipin-VMware-Virtual-Platform:~$ git --version
git version 2.43.0
vipin@vipin-VMware-Virtual-Platform:~$ sudo apt update
[sudo] password for vipin:
Hit:1 http://archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:5 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [1,404 kB]
Get:6 http://archive.ubuntu.com/ubuntu noble-updates/main i386 Packages [569 kB]
Get:7 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [1,694 kB]
Get:8 http://archive.ubuntu.com/ubuntu noble-updates/main Translation-en [313 kB]
Get:9 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [175 kB]
Get:10 http://security.ubuntu.com/ubuntu noble-security/main i386 Packages [366 kB]
Get:11 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [21.5 kB]
Get:12 http://security.ubuntu.com/ubuntu noble-security/main amd64 c-n-f Metadata [9,724 B]
Get:13 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:14 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [71.4 kB]
Get:15 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [15.9 kB]
Get:16 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:17 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [1,512 kB]
Get:18 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Get:19 http://archive.ubuntu.com/ubuntu noble-updates/universe i386 Packages [993 kB]
Get:20 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [377 kB]
Get:21 http://archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:22 http://archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [7,304 B]
Get:23 http://archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:24 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [10.5 kB]
Get:25 http://archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Fetched 7,920 kB in 4s (1,866 kB/s)
Reading package lists... Done
Building dependency tree... Done
```

```
vipin@vipin-VMware-Virtual-Platform:~$ gitconfig --global user.name "Vipin Tanwar"
gitconfig: command not found
vipin@vipin-VMware-Virtual-Platform:~$ git config --global user.name "Vipin Tanwar"
vipin@vipin-VMware-Virtual-Platform:~$ git config --global user.email "vipintanwar83@gmail.com"
vipin@vipin-VMware-Virtual-Platform:~$ git config --list
user.email=vipintanwar83@gmail.com
user.name=Vipin Tanwar
core.repositoryformatversion=0
core.filemode=true
core.bare=false
core.logallrefupdates=true
remote.origin.url=https://github.com/vipin-cloud/Task-1-linux-enviourment-setup-and-exploration.git
remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
remote.origin.url=https://github.com/vipin-cloud/Task-1-linux-enviourment-setup-and-exploration.git
remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
vipin@vipin-VMware-Virtual-Platform:~$
```

```
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ mkdir devops-task-2
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ cd devops-task-2
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ 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/vipin/devops-task-2/.git/
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ touch README.md
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ echo "#Git & Github Task 2" >>README.md
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git add README.md
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git commit -m "initial commit with README"
[master (root-commit) fd835d2] initial commit with README
 1 file changed, 1 insertion(+)
 create mode 100644 README.md
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$
```

```
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ cd devops-task-2/
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git remote add origin https://github.com/vipin-cloud/Devops-task-2.git
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git remote -v
origin https://github.com/vipin-cloud/Devops-task-2.git (fetch)
origin https://github.com/vipin-cloud/Devops-task-2.git (push)
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git checkout -b feature-branch
Switched to a new branch 'feature-branch'
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ echo "This change is from feature branch" >>README.md
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git add .
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'?
hint: Turn this message off by running
hint: "git config advice.addEmptyPathspec false"
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git add .
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git commit -m "Updated README from feature branch"
[feature-branch 038clec] Updated README from feature branch
 1 file changed, 1 insertion(+)
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git checkout main
error: pathspec 'main' did not match any file(s) known to git
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git merge feature-branch
Already up to date.
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$
```

```
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ cd devops-task-2/
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git remote add origin https://github.com/vipin-cloud/Devops-task-2.git
error: remote origin already exists.
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git remote -v
origin https://github.com/vipin-cloud/Devops-task-2.git (fetch)
origin https://github.com/vipin-cloud/Devops-task-2.git (push)
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git branch -M main
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git push -u origin main
Username for 'https://github.com': vipintanwar83@gmail.com
Password for 'https://vipintanwar83%40gmail.com@github.com':
remote: Invalid username or token. Password authentication is not supported for Git operations.
fatal: Authentication failed for 'https://github.com/vipin-cloud/Devops-task-2.git/'
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git branch -M Main
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git push -u origin main
Username for 'https://github.com': vipintanwar83@gmail.com
Password for 'https://vipintanwar83%40gmail.com@github.com':
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (6/6), 539 bytes | 89.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/vipin-cloud/Devops-task-2.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

```
vipin@vipin-VMware-Virtual-Platform:~/devops-task-2$ git log --oneline
038clec (HEAD -> main, origin/main) Updated README from feature branch
fd835d2 (master) initial commit with README
```