

COGNIZANCE

Task - 1

Submitted by
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Git config --list --show-origin

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (main)

\$ git config --list --show-origin

```
file:C:/Program Files/Git/etc/gitconfig diff.astextplain.textconv=astextplain
file:C:/Program Files/Git/etc/gitconfig filter.lfs.clean=git-lfs clean -- %f
file:C:/Program Files/Git/etc/gitconfig filter.lfs.smudge=git-lfs smudge -- %f
file:C:/Program Files/Git/etc/gitconfig filter.lfs.process=git-lfs filter-process
file:C:/Program Files/Git/etc/gitconfig filter.lfs.required=true
file:C:/Program Files/Git/etc/gitconfig http.sslbackend=openssl
file:C:/Program Files/Git/etc/gitconfig http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
file:C:/Program Files/Git/etc/gitconfig core.autocrlf=true
file:C:/Program Files/Git/etc/gitconfig core.fscache=true
file:C:/Program Files/Git/etc/gitconfig core.symlinks=false
file:C:/Program Files/Git/etc/gitconfig pull.rebase=false
file:C:/Program Files/Git/etc/gitconfig credential.helper=manager-core
file:C:/Program Files/Git/etc/gitconfig credential.https://dev.azure.com.usehttppath=true
file:C:/Program Files/Git/etc/gitconfig init.defaultbranch=master
file:C:/Users/VEDA MAGANTI/.gitconfig user.name=VedaSampreetha-04
file:C:/Users/VEDA MAGANTI/.gitconfig user.email=ch.en.u4aie21159@ch.students.amrita.edu
file:.git/config core.repositoryformatversion=0
file:.git/config core.filemode=false
file:.git/config core.bare=false
file:.git/config core.logallrefupdates=true
file:.git/config core.symlinks=false
file:.git/config core.ignorecase=true
file:.git/config remote.origin.url=https://github.com/VedaSampreetha-04/Cognizance.git
file:.git/config remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
file:.git/config branch.main.remote=origin
file:.git/config branch.main.merge=refs/heads/main
```

Cloning of repository & creating folder named Task -1

```
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~  
$ git clone https://github.com/VedaSampreetha-04/Cognizance.git  
Cloning into 'Cognizance'...  
warning: You appear to have cloned an empty repository.  
  
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~  
$ cd Cognizance  
  
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance (main)  
$ mkdir Task-1  
  
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance (main)  
$ cd Task-1  
  
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (main)  
$ touch sample1.txt  
  
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (main)  
$ notepad sample1.txt
```

Commit changes into local branch

```
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (main)
$ git add .

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (main)
$ git status
On branch main

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   sample1.txt

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (main)
$ git commit -m "Cognizance"
[main (root-commit) b467b52] Cognizance
1 file changed, 1 insertion(+)
create mode 100644 Task-1/sample1.txt
```

Pushing the branch to remote repository

```
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Writing objects: 100% (4/4), 287 bytes | 287.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/VedaSampreetha-04/Cognizance.git
 * [new branch]      main -> main
```


Creating A branch & Replacing the current working files with files from a branch

```
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (main)
$ git branch test_branch1

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (main)
$ git checkout test_branch1
Switched to branch 'test_branch1'

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ touch sample2.txt

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ notepad sample2.txt

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ git add .
```

```
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ git status
On branch test_branch1
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   sample2.txt

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ git commit -m "Task-1"
[test_branch1 52f078a] Task-1
 1 file changed, 1 insertion(+)
 create mode 100644 Task-1/sample2.txt

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ git log
commit 52f078a2cb13d23936ea25bc0c51dfb3b0c1a2e7 (HEAD -> test_branch1)
Author: VedaSampreetha-04 <ch.en.u4aie21159@ch.students.amrita.edu>
Date:   Tue Feb 15 16:06:25 2022 +0530

    Task-1

commit b467b52910bfff92d70fa42b5314d0e4a902ba351 (origin/main, main)
Author: VedaSampreetha-04 <ch.en.u4aie21159@ch.students.amrita.edu>
Date:   Tue Feb 15 16:00:43 2022 +0530

    Cognizance
```

Merges files from a given branch into the current branch using “git merge”

```
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (main)
$ git merge 52f078a2cb13d23936ea25bc0c51dfb3b0c1a2e7
Updating b467b52..52f078a
Fast-forward
 Task-1/sample2.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 Task-1/sample2.txt

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (main)
$ git log
commit 52f078a2cb13d23936ea25bc0c51dfb3b0c1a2e7 (HEAD -> main, test_branch1)
Author: VedaSampreetha-04 <ch.en.u4aie21159@ch.students.amrita.edu>
Date: Tue Feb 15 16:06:25 2022 +0530

    Task-1

commit b467b52910bfff92d70fa42b5314d0e4a902ba351 (origin/main)
Author: VedaSampreetha-04 <ch.en.u4aie21159@ch.students.amrita.edu>
Date: Tue Feb 15 16:00:43 2022 +0530

    Cognizance
```

creates a new local branch from the current branch's tip – Checkout -b

```
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (main)
$ git checkout -b test_branch2
Switched to a new branch 'test_branch2'

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch2)
$ touch sample3.txt

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch2)
$ notepad sample3.txt

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch2)
$ git add .

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch2)
$ git status
On branch test_branch2
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   sample3.txt

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch2)
$ git checkout test_branch1
Switched to branch 'test_branch1'
A       Task-1/sample3.txt

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ notepad sample1.txt

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ notepad sample2.txt
```


Reset & pushing entire branch to remote repository

```
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ git add .

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ git status
On branch test_branch1
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   sample2.txt
        new file:   sample3.txt

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ git reset
Unstaged changes after reset:
M       Task-1/sample2.txt

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ git push origin test_branch1
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 333 bytes | 166.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'test_branch1' on GitHub by visiting:
remote:   https://github.com/VedaSampreetha-04/Cognizance/pull/new/test_branch1
remote:
To https://github.com/VedaSampreetha-04/Cognizance.git
 * [new branch]      test_branch1 -> test_branch1
```

Git fetch

```
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ git fetch
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 729 bytes | 52.00 KiB/s, done.
From https://github.com/VedaSampreetha-04/Cognizance
   52f078a..546f6bd  test_branch1 -> origin/test_branch1
```

Git Rebase

```
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ git commit -m "Test-1"
[test_branch1 3420df9] Test-1
 2 files changed, 2 insertions(+), 1 deletion(-)
 create mode 100644 Task-1/sample3.txt

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ git rebase test_branch1
Current branch test_branch1 is up to date.


VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (test_branch1)
$ git status
On branch test_branch1
nothing to commit, working tree clean
```

Git Pull

```
VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (main)
$ git pull
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 695 bytes | 19.00 KiB/s, done.
From https://github.com/VedaSampreetha-04/Cognizance
   b467b52..bd9045b  main      -> origin/main
Merge made by the 'ort' strategy.
 Task-1/sample1.txt | 3 ++-
 1 file changed, 2 insertions(+), 1 deletion(-)

VEDA MAGANTI@LAPTOP-5AFCCGLH MINGW64 ~/Cognizance/Task-1 (main)
$ git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 389 bytes | 389.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/VedaSampreetha-04/Cognizance.git
   bd9045b..9e895dd  main -> main
```


Git fork


 **VedaSampreetha-04 / cognizance-1** Public


forked from [harsha-2004/cognizance](#)

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 **main** ▾


 **1 branch**


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This branch is up to date with [harsha-2004:main](#).

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 **harsha-2004** add folder

[f4ee66c](#) 1 hour ago  **8 commits**

 **Task-1**

add folder

1 hour ago

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