

# Task-1

## 1. Create a repository with name “Cognizance” on GitHub using Git Bash.

### Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner \*



rajashekar361 ▾

Repository name \*

/ Cognizance



Great repository names are short and memorable. Need inspiration? How about [stunning-octo-couscous?](#)

Description (optional)

hello everyone

☒ **Public**

Anyone on the internet can see this repository. You choose who can commit.

☐ **Private**

You choose who can see and commit to this repository.

**Initialize this repository with:**

Skip this step if you're importing an existing repository.

☐ **Add a README file**

This is where you can write a long description for your project. [Learn more.](#)

**Add .gitignore**

Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: None ▾

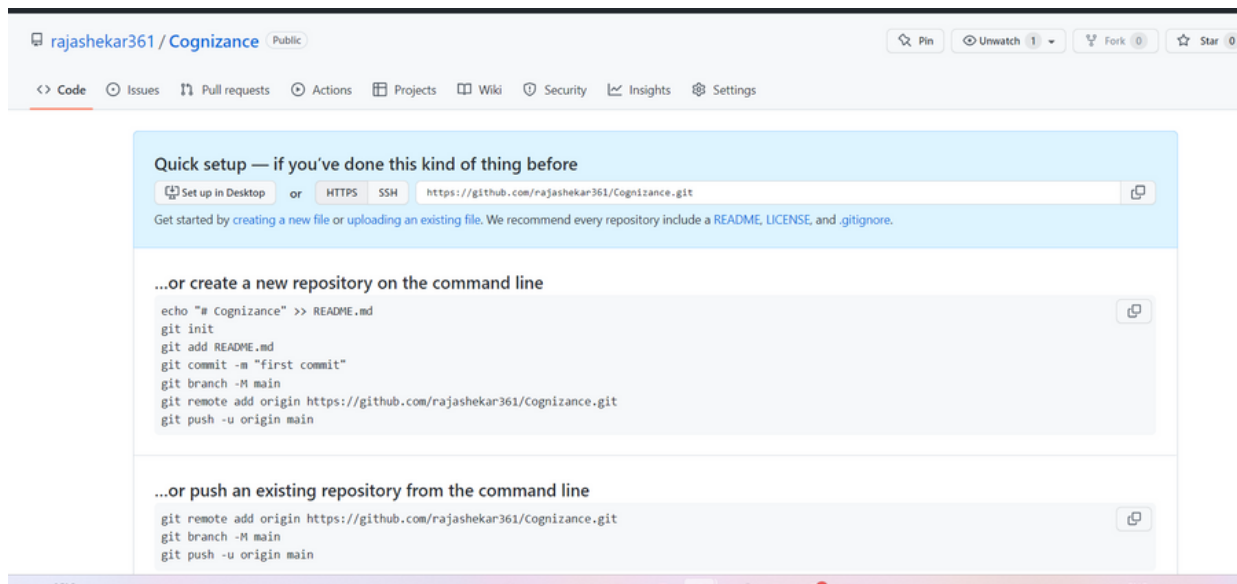
**Choose a license**

A license tells others what they can and can't do with your code. [Learn more.](#)

License: None ▾

You are creating a public repository in your personal account.

Create repository



```
rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (master)
$ git init
Reinitialized existing Git repository in C:/Users/rajashekarreddy/Cognizance/.git/

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (master)
$ git add *

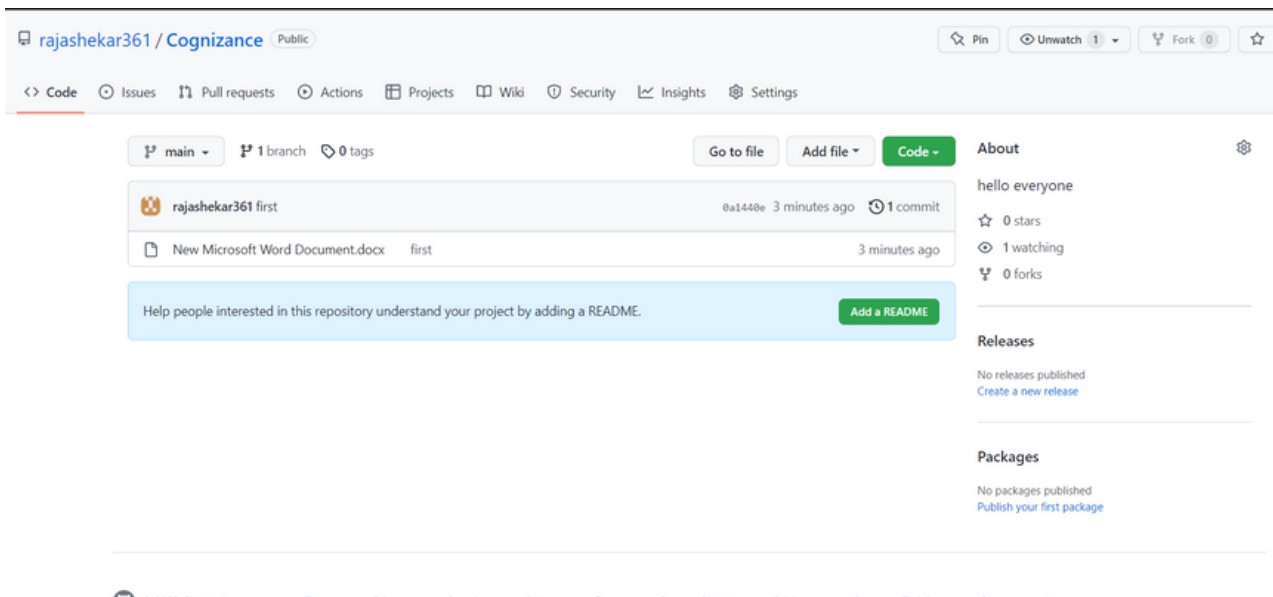
rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (master)
$ git commit -m "first"
[master (root-commit) 0a1440e] first
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 New Microsoft Word Document.docx

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (master)
$ git status
On branch master
nothing to commit, working tree clean

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (master)
$ git branch -M main

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git remote add origin https://github.com/rajashekar361/Cognizance.git

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 237 bytes | 237.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/rajashekar361/Cognizance.git
* [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```



**2. Create a folder with name “Task-1” in the repository and perform the Git operations using Git Bash.**

```
branch main Set up to track origin/main  
rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)  
$ mkdir task1
```

```
rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
      task1/

nothing added to commit but untracked files present (use "git add" to track)

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git init
Reinitialized existing Git repository in C:/Users/rajashekarreddy/Cognizance/.git/

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git add *

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
      new file:   task1/New Microsoft Word Document.docx

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git commit -m "first"
[main 6b149f1] first
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 task1/New Microsoft Word Document.docx

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git branch -M main

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 289 bytes | 289.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/rajashekar361/Cognizance.git
   0a1440e..6b149f1  main -> main
branch 'main' set up to track 'origin/main'.
```

### 3. Upload the screenshot of the git bash using This command in your computer.

```
rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (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/rajashekarreddy/.gitconfig user.name=rajashekar361
file:C:/Users/rajashekarreddy/.gitconfig user.email=rajashekargottimukkula@gmail.com
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/rajashekar361/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
```

**Take a screenshot of all the Git operations you performed and compile it in a single PDF and upload it in “Task-1” folder this PDF Should Also Contain the screenshot of the command mentioned in point 3.**

```
rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    task1/New Microsoft Word Document.docx

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        task1/task 1.pdf

no changes added to commit (use "git add" and/or "git commit -a")

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git init
Reinitialized existing Git repository in C:/Users/rajashekarreddy/Cognizance/.git/

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git add *

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git commit -m "second"
[main bfe43a7] second
 2 files changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 task1/New Microsoft Word Document.docx
 create mode 100644 task1/task 1.pdf

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git push -u origin main
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 545.06 KiB | 20.96 MiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/rajashekar361/Cognizance.git
   6b149f1..bfe43a7  main -> main
branch 'main' set up to track 'origin/main'.

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

## git checkout

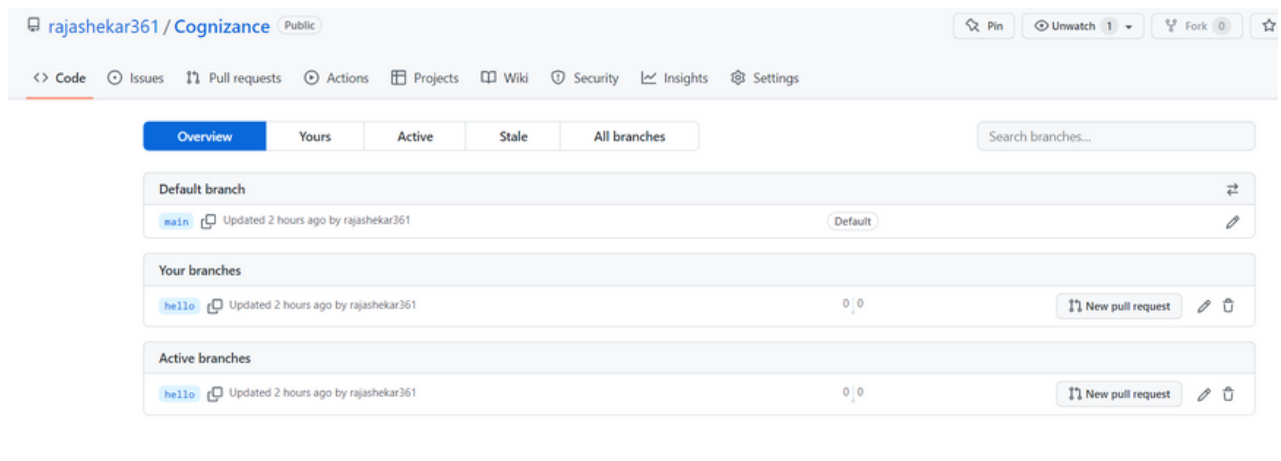
Replaces the current working files with files from a branch.

## git checkout -b

Creates a new local branch from the current branch's tip.

```
rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git checkout -b hello
Switched to a new branch 'hello'

rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (hello)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
```



## git push

```
rajashekarreddy@DESKTOP-NSQHSAU MINGW64 ~/Cognizance (main)
$ git push origin hello
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'hello' on GitHub by visiting:
remote:   https://github.com/rajashekar361/Cognizance/pull/new/hello
remote:
To https://github.com/rajashekar361/Cognizance.git
 * [new branch]      hello -> hello
```

## git pull