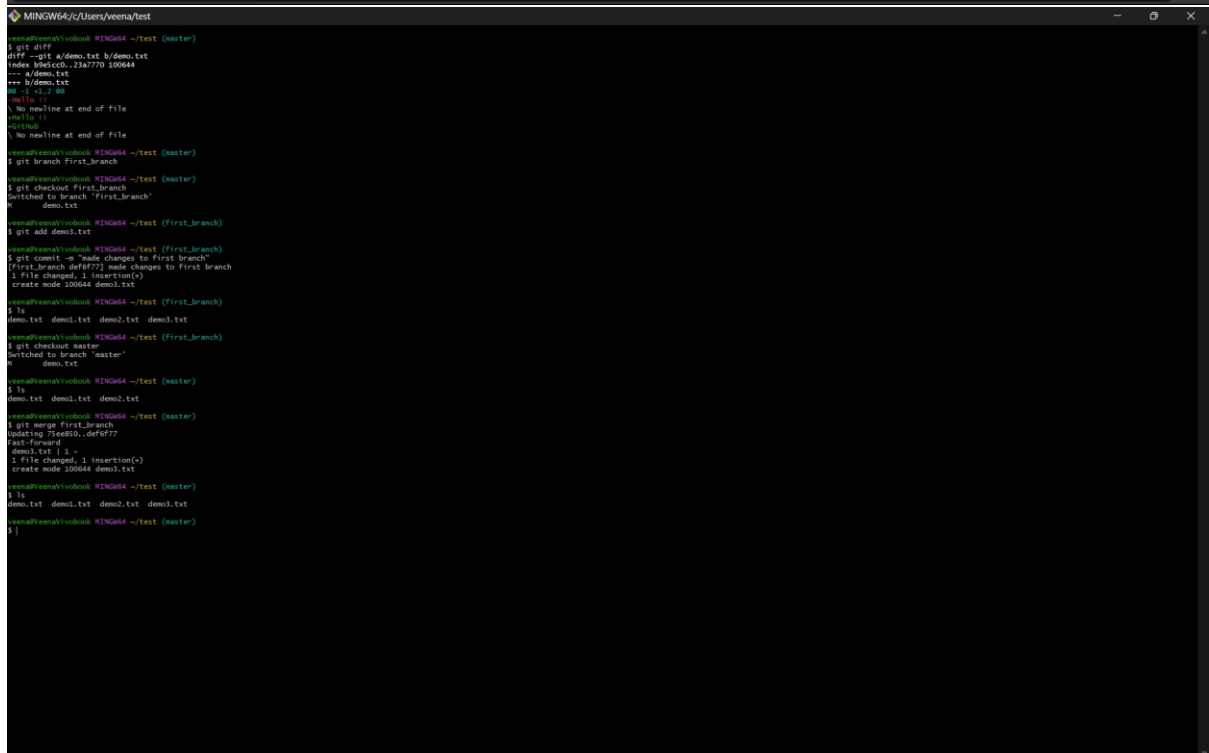
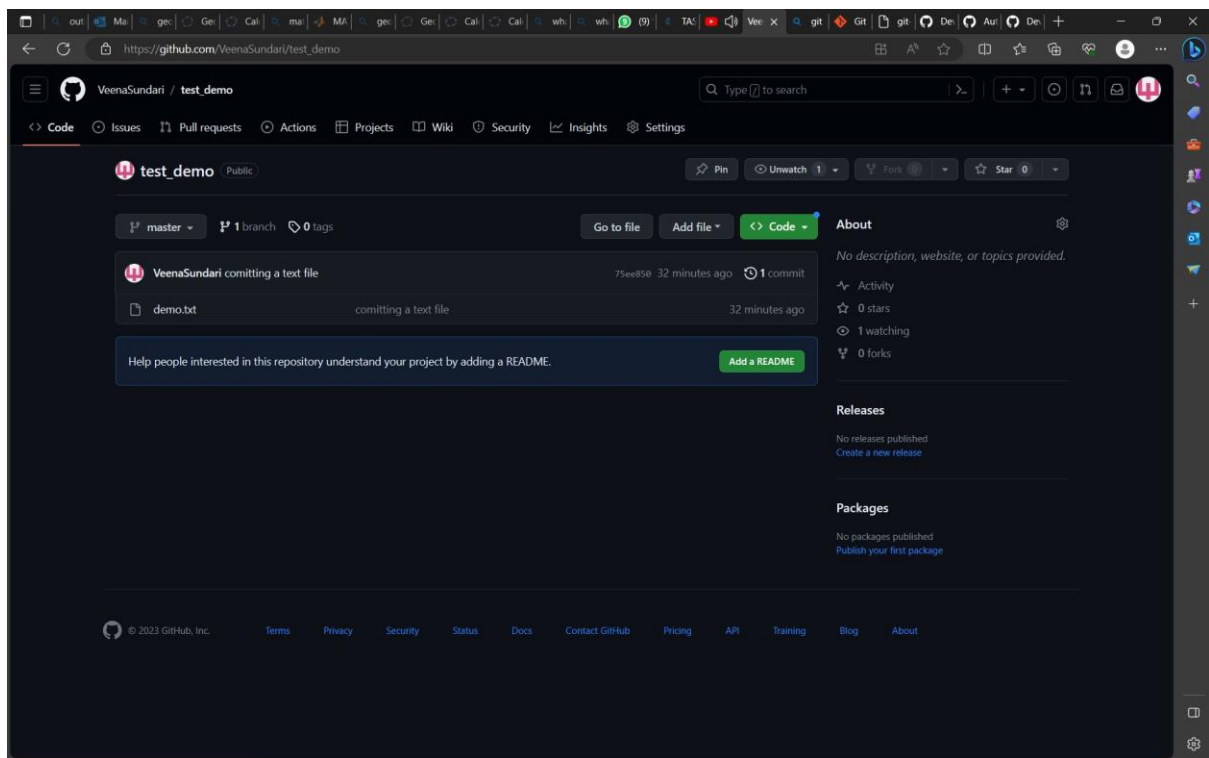


```
MINGW64/c/Users/veena/test
veena@veena-vivobook MINGW64 ~
$ git --version
git version 2.42.0.windows.2
veena@veena-vivobook MINGW64 ~
$ git help config
git
veena@veena-vivobook MINGW64 ~
$ git config --help
veena@veena-vivobook MINGW64 ~
$ mkdir test
veena@veena-vivobook MINGW64 ~
$ cd test
veena@veena-vivobook MINGW64 ~/test
$ git init
Initialized empty Git repository in C:/Users/veena/test/.git/
veena@veena-vivobook MINGW64 ~/test (master)
$ git status
on branch master
No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
veena@veena-vivobook MINGW64 ~/test (master)
$ git add demo.txt
veena@veena-vivobook MINGW64 ~/test (master)
$ git commit -m "committing a text file"
[master (root-commit) 75ee850] committing a text file
1 file changed, 1 insertion(+)
create mode 100644 demo.txt
veena@veena-vivobook MINGW64 ~/test (master)
$ clear

MINGW64/c/Users/veena/test
veena@veena-vivobook MINGW64 ~/test (master)
$ git config --global user.username VeenaSundari
veena@veena-vivobook MINGW64 ~/test (master)
$ git remote add origin https://github.com/VeenaSundari/demo_test.git
error: remote origin already exists.
veena@veena-vivobook MINGW64 ~/test (master)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 231 bytes | 115.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
to https://github.com/VeenaSundari/test_demo.git
* [new branch] master -> master
veena@veena-vivobook MINGW64 ~/test (master)
$ |
```



```
MINGW64 ~/c/Users/veena/test
veena@veenavivobook MINGW64 ~/test (master)
$ ssh-keygen -t rsa -C veenasundari665@gmail.com
Generating public/private rsa key pair.
Enter file in which to save the key (/c:/Users/veena/.ssh/id_rsa):
Created directory /c:/Users/veena/.ssh.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c:/Users/veena/.ssh/id_rsa
Your public key has been saved in /c:/Users/veena/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:Y100wA1f2j21N02a366fcA4/FCro/51TKYJ4eTVBDU veenasundari665@gmail.com
The key's randomart image is:
----[RSA 3072]-----
  .E.+.._oo
  o B + + +
  + * x oo.
  o . o oo.
  o . S + .o.+
  + o o + . o.
  + = ..
  . * - ..
  o o . +
  -----[SHA256]-----

veena@veenavivobook MINGW64 ~/test (master)
$

veena@veenavivobook MINGW64 ~/test (master)
$ ssh -T git@github.com
The authenticity of host 'github.com (20.207.73.82)' can't be established.
ED25519 key fingerprint is SHA256:diY3wvv6TuJ3bpZ1SF/zLDA0zPMSVhdkr4UvCoQu.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.
Enter passphrase for key '/c:/Users/veena/.ssh/id_rsa':
Hi VeenaSundari! You've successfully authenticated, but GitHub does not provide shell access.

veena@veenavivobook MINGW64 ~/test (master)
$
```

```
MINGW64/c/Users/veena/test/demo_repo
veena@veenavivobook MINGW64 ~/test (master)
$ pwd
/c/Users/veena/test

veena@veenavivobook MINGW64 ~/test (master)
$ ls
demo.txt  demo1.txt  demo2.txt  demo3.txt

veena@veenavivobook MINGW64 ~/test (master)
$ git clone git@github.com:VeenaSundari/demo_repo.git
Cloning into 'demo_repo'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

veena@veenavivobook MINGW64 ~/test (master)
$ ls -ltr
total 2
-rw-r--r-- 1 veena 197609 16 Sep 16 23:31 demo.txt
-rw-r--r-- 1 veena 197609 0 Sep 16 23:34 demo1.txt
-rw-r--r-- 1 veena 197609 0 Sep 16 23:34 demo2.txt
-rw-r--r-- 1 veena 197609 15 Sep 16 23:38 demo3.txt
-rwxr-xr-x 1 veena 197609 0 Sep 17 21:02 demo_repo/

veena@veenavivobook MINGW64 ~/test (master)
$ cd demo_repo/

veena@veenavivobook MINGW64 ~/test/demo_repo (main)
$ ls -ltr
total 1
-rw-r--r-- 1 veena 197609 11 Sep 17 21:02 README.md

veena@veenavivobook MINGW64 ~/test/demo_repo (main)
$

MINGW64/c/Users/veena/test/demo_repo
veena@veenavivobook MINGW64 ~/test/demo_repo (main)
$ notepad second.txt

veena@veenavivobook MINGW64 ~/test/demo_repo (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)
    second.txt

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

veena@veenavivobook MINGW64 ~/test/demo_repo (main)
$ git add

veena@veenavivobook MINGW64 ~/test/demo_repo (main)
$ git commit -m "This is my first commit for demo_repo"
[main 8e02c0c] This is my first commit for demo_repo
1 file changed, 1 insertion(+)
create mode 100644 second.txt

veena@veenavivobook MINGW64 ~/test/demo_repo (main)
$ git remote -v
origin  git@github.com:VeenaSundari/demo_repo.git (fetch)
origin  git@github.com:VeenaSundari/demo_repo.git (push)

veena@veenavivobook MINGW64 ~/test/demo_repo (main)
$ git push origin master
error: src refspec master does not match any
error: failed to push some refs to 'github.com:veenasundari/demo_repo.git'

veena@veenavivobook MINGW64 ~/test/demo_repo (main)
$ git push origin main
Enter passphrase for key '/c/Users/veena/.ssh/id_rsa':
git@github.com: Permission denied (publickey).
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

veena@veenavivobook MINGW64 ~/test/demo_repo (main)
$ git push origin main
Enter passphrase for key '/c/Users/veena/.ssh/id_rsa':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 357 bytes | 178.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:veenasundari/demo_repo.git
  5c3d8b0..8e02c0c  main -> main

veena@veenavivobook MINGW64 ~/test/demo_repo (main)
$
```

```

MINGW64/C:/Users/veena/test/demo_repo
veena@veena-vivobook MINGW64 ~/test/demo_repo (main)
$ git log --pretty=oneline
5c3d8b0e5a6419239e74a67b25571ece77dfa9e5 (HEAD -> main, origin/main, origin/HEAD) This is my first commit for demo_repo

veena@veena-vivobook MINGW64 ~/test/demo_repo (main)
$ git reset --soft 5c3d8b0e5a6419239e74a67b25571ece77dfa9e5

veena@veena-vivobook MINGW64 ~/test/demo_repo (main)
$ git log --pretty=oneline
5c3d8b0e5a6419239e74a67b25571ece77dfa9e5 (HEAD -> main) Initial commit

veena@veena-vivobook MINGW64 ~/test/demo_repo (main)
$ git status
On branch main
Your branch is behind 'origin/main' by 1 commit, and can be fast-forwarded.
  (use "git pull" to update your local branch)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   second.txt

veena@veena-vivobook MINGW64 ~/test/demo_repo (main)
$ notepad m6.txt

veena@veena-vivobook MINGW64 ~/test/demo_repo (main)
$ git status
On branch main
Your branch is behind 'origin/main' by 1 commit, and can be fast-forwarded.
  (use "git pull" to update your local branch)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   second.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        m6.txt

veena@veena-vivobook MINGW64 ~/test/demo_repo (main)
$ git add .

veena@veena-vivobook MINGW64 ~/test/demo_repo (main)
$ git commit -m "Re-writing history"
[main ceda83c] Re-writing history
2 files changed, 2 insertions(+)
create mode 100644 m6.txt
create mode 100644 second.txt

veena@veena-vivobook MINGW64 ~/test/demo_repo (main)
$ git log --pretty=oneline
ceda83cae3351caf973dc8d6e7f473c1c702283 (HEAD -> main) Re-writing history
5c3d8b0e5a6419239e74a67b25571ece77dfa9e5 Initial commit

veena@veena-vivobook MINGW64 ~/test/demo_repo (main)
$ ls
README.md m6.txt second.txt

veena@veena-vivobook MINGW64 ~/test/demo_repo (main)
$ git revert ceda83cae3351caf973dc8d6e7f473c1c702283
hint: Waiting for your editor to close the file... unix2dos: converting file C:/Users/veena/test/demo_repo/.git/COMMIT_EDITMSG to DOS format...
dos2unix: converting file C:/Users/veena/test/demo_repo/.git/COMMIT_EDITMSG to unix format...
[main 59d662a] Revert "Re-writing history"
2 files changed, 2 deletions(-)
delete mode 100644 m6.txt
delete mode 100644 second.txt

```

```

MINGW64/C:/Users/veena/test/demo_repo
veena@veena-vivobook MINGW64 ~/test/demo_repo (main)
$ git log --pretty=oneline
59d662a36282f2a8fab050cd2d1499b13fefb088 (HEAD -> main) Revert "Re-writing history"
ceda83cae3351caf973dc8d6e7f473c1c702283 Re-writing history
5c3d8b0e5a6419239e74a67b25571ece77dfa9e5 Initial commit

veena@veena-vivobook MINGW64 ~/test/demo_repo (main)
$ ls
README.md

veena@veena-vivobook MINGW64 ~/test/demo_repo (main)
$ |

```

```
MINGW64/C:/Users/veena/test/Org_Details
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git init
Reinitialized existing Git repository in C:/Users/veena/test/Org_Details/.git/
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ notepad name.txt
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ notepad employees.txt
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git status
On branch master
No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git add
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git commit -m "First Commit"
[master (root-commit) 5b79d63] First Commit
2 files changed, 2 insertions(+)
create mode 100644 employees.txt
create mode 100644 name.txt
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git log --pretty=oneline
5b79d63f2c83855e93fed9813655d86a6aa8b20 (HEAD -> master) First Commit
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git branch B1r_Branch
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git branch -v
B1r_Branch 5b79d63 First Commit
* master      5b79d63 First Commit
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git checkout B1r_Branch
Switched to branch 'B1r_Branch'
veena@veena-vivobook MINGW64 ~/test/Org_Details (B1r_Branch)
$ ls
employees.txt  name.txt
veena@veena-vivobook MINGW64 ~/test/Org_Details (B1r_Branch)
$ notepad address.txt
veena@veena-vivobook MINGW64 ~/test/Org_Details (B1r_Branch)
$ git add
veena@veena-vivobook MINGW64 ~/test/Org_Details (B1r_Branch)
$ git commit -m "B1r_Branch Commit"
[B1r_Branch d23610e] B1r_Branch commit
1 file changed, 1 insertion(+)
create mode 100644 address.txt
veena@veena-vivobook MINGW64 ~/test/Org_Details (B1r_Branch)
$ |

MINGW64/C:/Users/veena/test/Org_Details
Switched to branch 'master'
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git checkout B1r_Branch
Switched to branch 'B1r_Branch'
veena@veena-vivobook MINGW64 ~/test/Org_Details (B1r_Branch)
$ git remote add origin git@github.com:VeenaSundari/Org_Details.git
veena@veena-vivobook MINGW64 ~/test/Org_Details (B1r_Branch)
$ git checkout master
Switched to branch 'master'
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git push -u origin master
Enumerating objects for key '/C:/Users/veena/.ssh/id_rsa':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 316 bytes | 158.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:VeenaSundari/Org_Details.git
 * [new branch] master -> master
branch 'master' set up to track 'origin/master'.
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git push -u origin B1r_Branch
Enumerating objects for key '/C:/Users/veena/.ssh/id_rsa':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 337 bytes | 168.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'B1r_Branch' on GitHub by visiting:
remote:   https://github.com/VeenaSundari/Org_Details/pull/new/B1r_Branch
To github.com:VeenaSundari/Org_Details.git
 * [new branch] B1r_Branch -> B1r_Branch
branch 'B1r_Branch' set up to track 'origin/B1r_Branch'.
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git checkout B1r_Branch
Switched to branch 'B1r_Branch'
Your branch is up to date with 'origin/B1r_Branch'.
veena@veena-vivobook MINGW64 ~/test/Org_Details (B1r_Branch)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git merge B1r_Branch
Updating 5b79d63..d23610e
Fast-forward
 address.txt | 1 +
1 file changed, 1 insertion(+)
create mode 100644 address.txt
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git log --pretty=oneline
d23610ec5689853ceecdb88ab71f47ea02eb30 (HEAD -> master, origin/B1r_Branch, B1r_Branch) B1r_Branch commit
5b79d63f2c83855e93fed9813655d86a6aa8b20 (origin/master) First Commit
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ |
```

```
MINGW64/c/Users/veena/test/Org_Details
veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git push origin master
Enter passphrase for key '/c/Users/veena/.ssh/id_rsa':
total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:veenasundari/Org_Details.git
  5b79d63..d23610e  master -> master

veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git branch -D B1r_Branch
Deleted branch B1r_Branch (was d23610e).

veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git branch -v
* master d23610e B1r_Branch commit

veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$ git push origin --delete B1r_Branch
Enter passphrase for key '/c/Users/veena/.ssh/id_rsa':
To github.com:veenasundari/Org_Details.git
- [deleted]      B1r_Branch

veena@veena-vivobook MINGW64 ~/test/Org_Details (master)
$
```