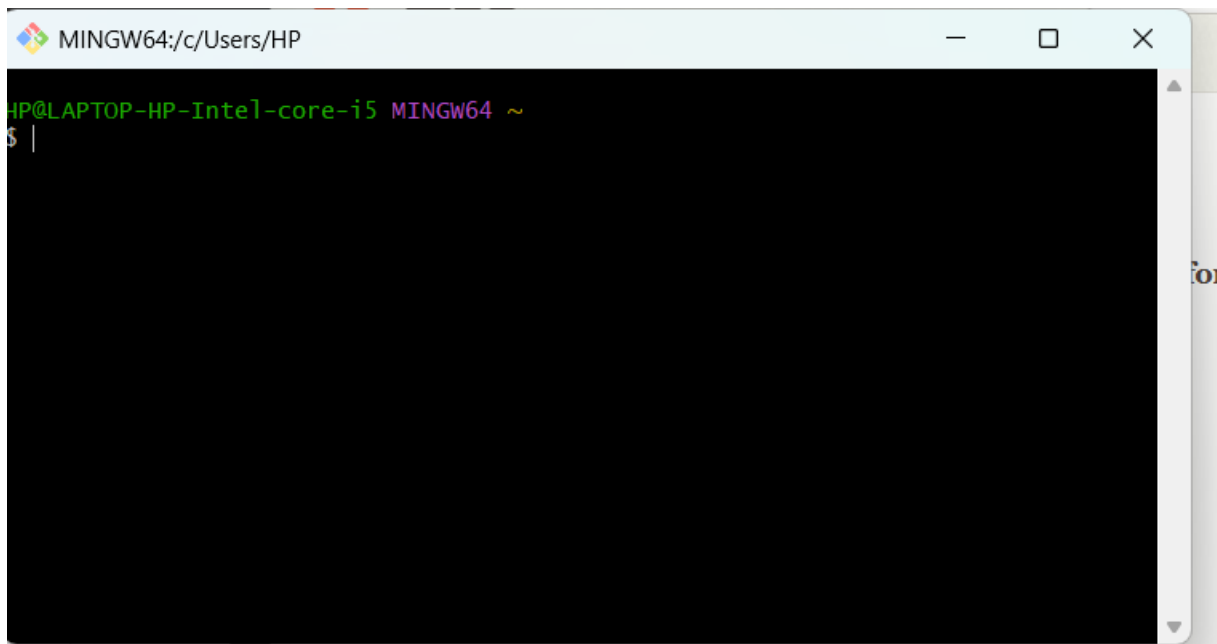


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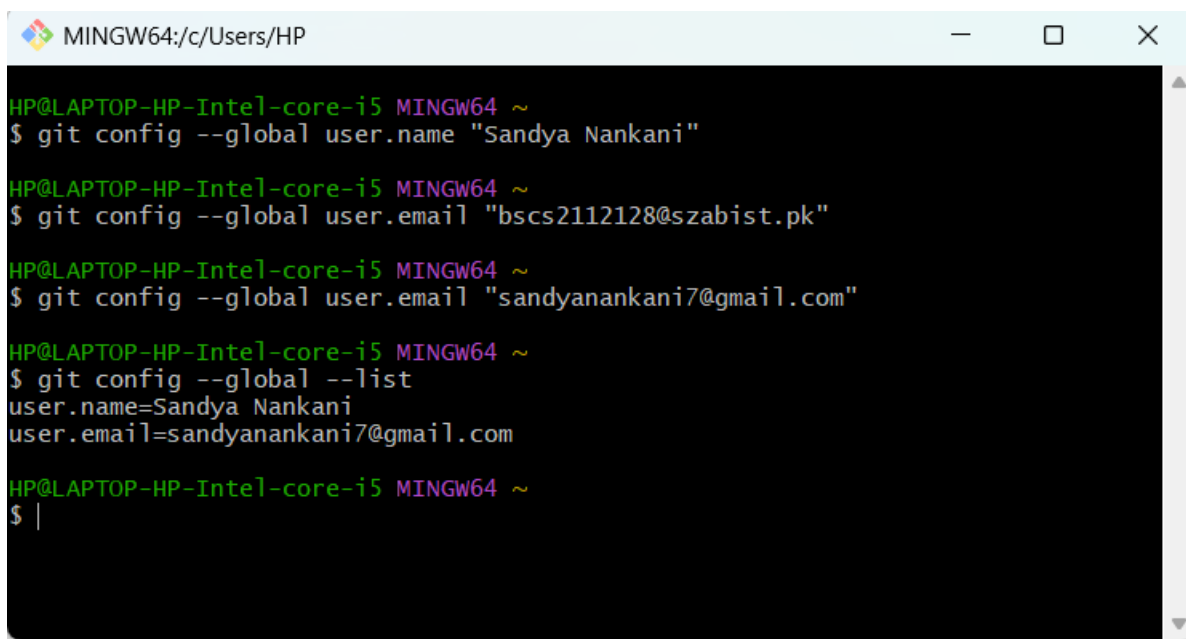
GitHub Assignment: Step-by-Step Guide with Git Bash Setup

Step 0:



```
MINGW64:/c/Users/HP  
HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~  
$ |
```

Step 1:



```
MINGW64:/c/Users/HP  
HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~  
$ git config --global user.name "Sandya Nankani"  
HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~  
$ git config --global user.email "bscs2112128@szabist.pk"  
HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~  
$ git config --global user.email "sandyanankani7@gmail.com"  
HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~  
$ git config --global --list  
user.name=Sandya Nankani  
user.email=sandyanankani7@gmail.com  
HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~  
$ |
```

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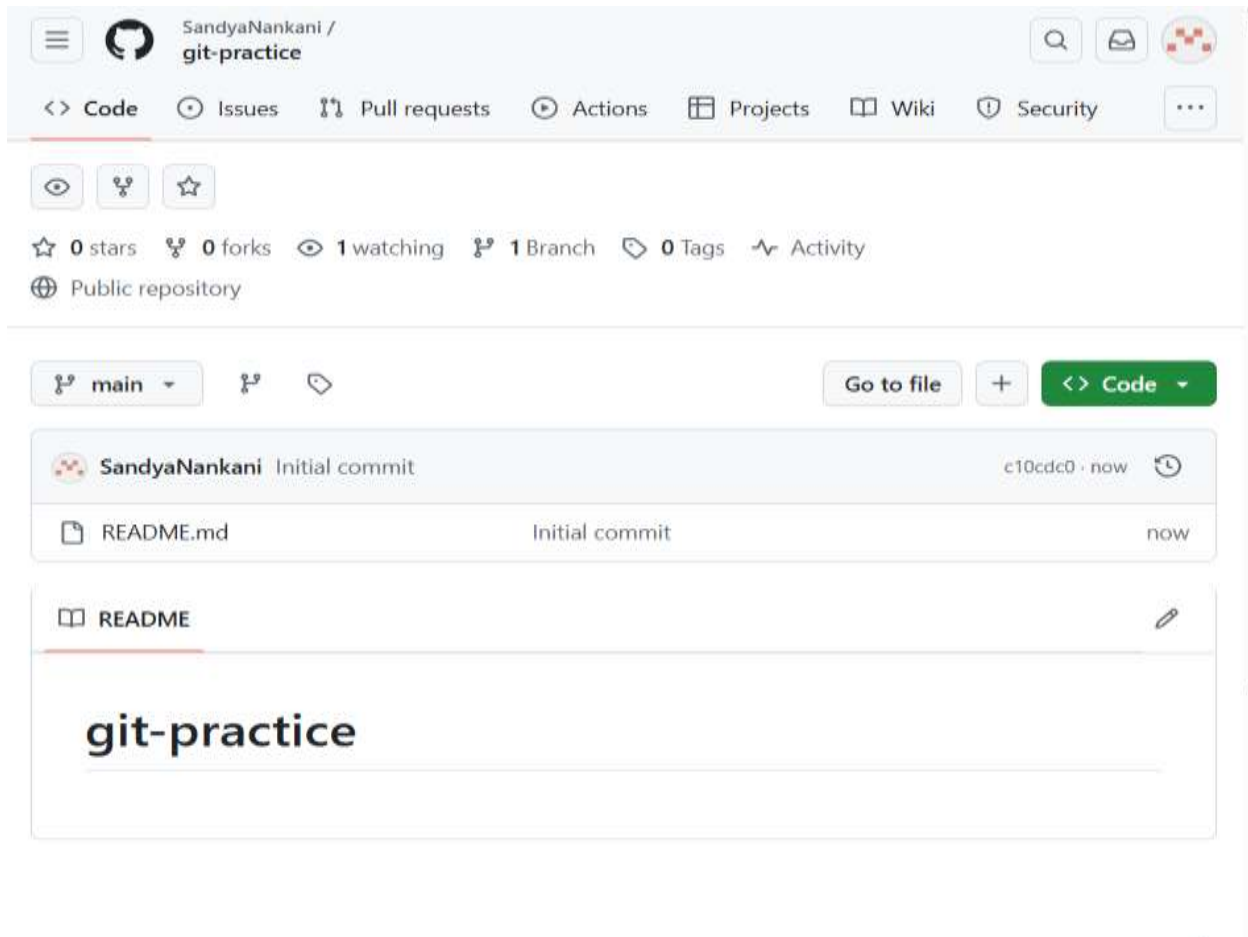
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Step 3:

```
HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~
$ ssh-keygen -t ed25519 -C "sandyankani7@gmail.com"
Generating public/private ed25519 key pair.
Enter file in which to save the key (/c/Users/HP/.ssh/id_ed25519): /c/Users/HP/.ssh/id_ed25519
Enter passphrase for "/c/Users/HP/.ssh/id_ed25519" (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c/Users/HP/.ssh/id_ed25519
Your public key has been saved in /c/Users/HP/.ssh/id_ed25519.pub
The key fingerprint is:
SHA256:MoFrzAakBvcNO/4TXQ5zs2aFhXxHzzg1MS7XXvtwico sandyankani7@gmail.com
The key's randomart image is:
+--[ED25519 256]--+
|  . O .      .   ...=.. |
|  .+ . =      oo...0  |
|  ... = o o =.o.= = |
|  . = o o * + o.o+ |
|    B + S = . oo |
|    o . + o. .  o |
|    o     E    o |
|    .         . |
+-----[SHA256]-----+
```

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Step 3:



Step 4:

```
HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~
$ git clone git@github.com:SandyaNankani/git-practice.git
Cloning into 'Nankani/git-practice.git'...
The authenticity of host 'github.com (20.207.73.82)' can't be established.
ED25519 key fingerprint is SHA256:+DiY3wvV6TuJJhbpZisF/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.
ERROR: Repository not found.
fatal: Could not read from remote repository.

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

HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~
$ |
```

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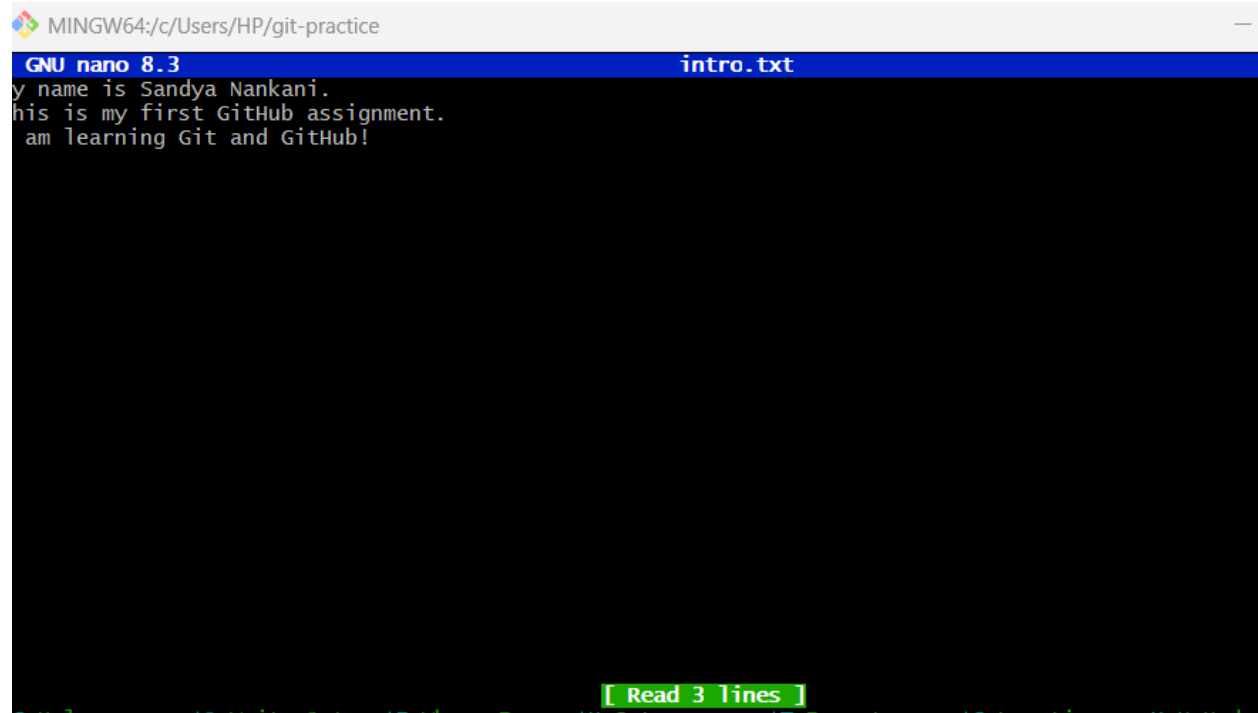
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Step 5:

```
HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (main)
$ echo "" > intro.txt

HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (main)
$ echo "My name is Sandya Nankani." > intro.txt
$ echo "This is my first GitHub assignment." >> intro.txt
$ echo "I am learning Git and GitHub!" >> intro.txt

HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (main)
$ nano intro.txt
```

A screenshot of a MINGW64 terminal window with the nano text editor open. The window title is 'MINGW64:/c/Users/HP/git-practice'. The nano editor's header shows 'GNU nano 8.3' and the filename 'intro.txt'. The editor contains three lines of text: 'My name is Sandya Nankani.', 'This is my first GitHub assignment.', and 'I am learning Git and GitHub!'. At the bottom of the editor, a green status bar indicates '[Read 3 lines]'. Below the editor, a portion of the nano help text is visible, showing options like 'Ctrl-H Help', 'Ctrl-O Write Out', etc.

```
MINGW64:/c/Users/HP/git-practice
GNU nano 8.3 intro.txt
My name is Sandya Nankani.
This is my first GitHub assignment.
I am learning Git and GitHub!

[ Read 3 lines ]
Ctrl-H Help      Ctrl-O Write Out  Ctrl-F Jump to File  Ctrl-K Cut         Ctrl-T Exchange    Ctrl-L Location     M-U Undo
```

Step 6:

```
HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (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)
        intro.txt
        intro.txt

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

HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (main)
$ |
```

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```
HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (main)
$ git commit -m "Added intro.txt with short introduction"
[main 1c7dabc] Added intro.txt with short introduction
1 file changed, 3 insertions(+)
create mode 100644 intro.txt

HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (main)
$
```

Step 7:

```
HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (main)
$ git commit -m "Added intro.txt with short introduction"
[main 1c7dabc] Added intro.txt with short introduction
1 file changed, 3 insertions(+)
create mode 100644 intro.txt

HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (main)
$ git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 382 bytes | 95.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:SandyaNankani/git-practice.git
   c10cdc0..1c7dabc  main -> main
```

Step :8

```
HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (main)
$ git checkout -b feature
Switched to a new branch 'feature'

HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (feature)
$ nano intro.txt

HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (feature)
$ cat intro.txt
My name is Sandya Nankani.
This is my first GitHub assignment.
I am learning Git and GitHub!
I am practicing branching in Git

HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (feature)
$ git add intro.txt
warning: in the working copy of 'intro.txt', LF will be replaced by CRLF the next time Git touches it

HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (feature)
$ git commit -m "Updatd intro.txt in feature branch"
git: 'commit' is not a git command. See 'git --help'.

The most similar command is
   commit

HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (feature)
$ git push origin feature
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'feature' on GitHub by visiting:
remote:   https://github.com/SandyaNankani/git-practice/pull/new/feature
remote:
To github.com:SandyaNankani/git-practice.git
 * [new branch]   feature -> feature

HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (feature)
$ |
```

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Step 9:

Commit message

Merge pull request #1 from SandyaNankani/feature

Extended description

Updated intro.txt in feature branch

This commit will be authored by 150899021+SandyaNankani@users.noreply.github.com.

Confirm merge

Cancel

Add a comment



 SandyaNankani merged commit **114d46e** into `main` now

Revert



 SandyaNankani deleted the `feature` branch now

Restore branch


Pull request successfully merged and closed

You're all set — the branch has been merged.

Add a comment

Write

Preview

H B I           

Add your comment here...

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Step 10:

```
HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (main)
$ git pull origin main
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (1/1), 907 bytes | 113.00 KiB/s, done.
From github.com:SandyaNankani/git-practice
* branch          main      -> FETCH_HEAD
   1c7dabc..114d46e main      -> origin/main
Updating 1c7dabc..114d46e
Fast-forward
  intro.txt | 1 +
  1 file changed, 1 insertion(+)

HP@LAPTOP-HP-Intel-core-i5 MINGW64 ~/git-practice (main)
$
```