

# GIT COMMANDS

```
MINGW64:/c/Users/User/Downloads/Harisha
User@AIDS-LAB-15 MINGW64 ~ (master)
$ git -v
git version 2.45.2.windows.1

User@AIDS-LAB-15 MINGW64 ~ (master)
$ git init
Reinitialized existing Git repository in C:/Users/User/.git/

User@AIDS-LAB-15 MINGW64 ~ (master)
$ rm -rf .git

User@AIDS-LAB-15 MINGW64 ~
$ ls
AndroidStudioProjects/  Desktop/  'Local Settings'@
AppData/                Documents/ Music/
'Application Data'@     Downloads/ 'My Documents'@
Contacts/               Favorites/ NTUSER.DAT
Cookies@                Links/    NTUSER.DAT{a2332f18-cdbf-11ec-8680-002248483d79}.TM.b1f
                                           OneDrive/
                                           Pictures/

User@AIDS-LAB-15 MINGW64 ~
$ pwd
/c/Users/User

User@AIDS-LAB-15 MINGW64 ~
$ cd Desktop

User@AIDS-LAB-15 MINGW64 ~/Desktop
$ cd ..

User@AIDS-LAB-15 MINGW64 ~
$ cd Downloads

User@AIDS-LAB-15 MINGW64 ~/Downloads
$ ls
'16 marks.docx'
27cd340a-abe0-4cd9-946f-b17942b675a5.png
360_F_335984544_im2SjLS6UfXCd0pjw8Lhp7rs7k9zCfw1.jpg
ABU.docx
ABU.pdf
'AbisheckRaj M.jpg'
'Amazon RedShift(1).pptx'
'Annex_5_Common_Information_Sheet_rev_10.01.2023.pdf'
'Assessment 1 .docx'
'Bharanidharan MP.jpg'
'Bharaniraja salesforce report.docx'
'Case Study Topics UHV.docx'
'Chittesh SP.jpg'
'Chittesh web technology (1) (1).docx'
'Chittesh web technology (1) (2).docx'
'Chittesh web technology (1).docx'
'Computer Vision Onramp.pdf'
'DBD MINI.docx'
'Deep Learning Onramp.pdf'
'Deep learning with MATLAB.pdf'
'Deepak krishna S.jpg'
'Dibakaran K.jpg'
'Food-Plate (1).png'
Food-Plate.png
'Green Aesthetic Thesis Defense Presentation.pdf'
'Hadoop concepts.pptx'
Hadoop.docx
'I-am-Foodiee-master-20240610T061352Z-001.zip'
'IOT Journal (1).docx'
'IOT Journal.docx'
'Iceland.pdf'
'J.Mythili ICT FDP Certificate.pdf'
'Jasim ahmed(73772126122).jpg'
'Logeshwaran B(73772126125).jpg'
'Machine Learning Onramp (1).pdf'
'Machine learning with MATLAB.pdf'
'Matrix multiplication algorithm.docx'
'Meikandan R.jpg'
'Radhi[1].docx'
'Radhi[1].pdf'
'Reinforcement Learning Onramp.pdf'
'Ruthra_Salceforce_report(73772126145).docx'
'Salesforce Fundamentals.pdf'
'Screenshot (46).png'
'Studio_3T_for_MongoDB_2022.8.0/'
'Studio_3T_for_MongoDB_2022.8.0.rar'
'UHV kavi.docx'
'UHV parveen.pptx'
'WORD COUNT.html'
'WT final report (1).pdf'
'WT final report.pdf'
'WhatsApp Image 2024'
'WhatsApp Image 2024'
'WhatsApp Image 2024'
'WhatsApp Image 2024'
'amazon redshift.pdf'
apti.docx
bdf.txt
bg2.jpg
bg_compose_backgrou
burger.jpg
cake.jpg
'call images.png'
chocolate_Drink.jpg
desktop.ini
facebook-icon-512x5
foodie.logo.jpg
foodorder
git-cheat-sheet-edu
google-removebg-pre
google.jpg
hadoop-2.10.2/
hadoop-2.10.2.tar.g
'healthcare pro.jpg'
ic_task_completed.p
```

```
MINGW64:/c/Users/User/Downloads/Harisha
Contacts/ Favorites/ NTUSER.DAT OneDrive/
Cookies@ Links/ NTUSER.DAT{a2332f18-cdbf-11ec-8680-002248483d79}.TM.b1f Pictures/

User@AIDS-LAB-15 MINGW64 ~
$ pwd
/c/Users/User

User@AIDS-LAB-15 MINGW64 ~
$ cd Desktop

User@AIDS-LAB-15 MINGW64 ~/Desktop
$ cd ..

User@AIDS-LAB-15 MINGW64 ~
$ cd Downloads

User@AIDS-LAB-15 MINGW64 ~/Downloads
$ ls
'16 marks.docx' 'Hadoop concepts.pptx' 'WT final report.pdf'
27cd340a-abe0-4cd9-946f-b17942b675a5.png Hadoop.docx 'WhatsApp Image 2024
360_F_335984544_im2SjLS6UfXCdOpjw8Lhp7rs7k9zCfw1.jpg I-am-Foodiee-master-20240610T061352Z-001.zip 'WhatsApp Image 2024
ABU.docx 'IOT Journal (1).docx' 'WhatsApp Image 2024
ABU.pdf 'IOT Journal.docx' 'WhatsApp Image 2024
'AbisheckRaj M.jpg' Iceland.pdf 'amazon redshift.pdf
'Amazon RedShift(1).pptx' 'J.Mythili ICT FDP Certificate.pdf' apti.docx
Annex_5_Common_Information_Sheet_rev_10.01.2023.pdf 'Jasim ahmed(73772126122).jpg' bdf.txt
'Assessment 1 .docx' 'Logeshwaran B(73772126125).jpg' bg2.jpg
'Bharanidharan MP.jpg' 'Machine Learning Onramp (1).pdf' bg_compose_backgrou
'Bharaniraja salesforce report.docx' 'Machine learning with MATLAB.pdf' burger.jpg
'Case Study Topics UHV.docx' 'Matrix multiplication algorithm.docx' cake.jpg
'Chittesh SP.jpg' 'Meikandan R.jpg' 'call images.png'
'Chittesh web technology (1) (1).docx' 'Radhi[1].docx' chocolate_Drink.jpg
'Chittesh web technology (1) (2).docx' 'Radhi[1].pdf' desktop.ini
'Chittesh web technology (1).docx' 'Reinforcement Learning Onramp.pdf' facebook-icon-512x5
'Computer Vision Onramp.pdf' 'Ruthra_Salceforce_report(73772126145).docx' foodie.logo.jpg
'DBD MINI.docx' 'Salesforce Fundamentals.pdf' foodorder
'Deep Learning Onramp.pdf' 'Screenshot (46).png' git-cheat-sheet-edu
'Deep learning with MATLAB.pdf' Studio_3T_for_MongoDB_2022.8.0/ google-removebg-pre
'Deepak krishna S.jpg' Studio_3T_for_MongoDB_2022.8.0.rar google.jpg
'Dibakaran K.jpg' 'UHV kavi.docx' hadoop-2.10.2/
'Food-Plate (1).png' 'UHV parveen.pptx' hadoop-2.10.2.tar.g
Food-Plate.png 'WORD COUNT.html' 'healthcare pro.jpg'
'Green Aesthetic Thesis Defense Presentation.pdf' 'WT final report (1).pdf' ic_task_completed.p

User@AIDS-LAB-15 MINGW64 ~/Downloads
$ mkdir
mkdir: missing operand
Try 'mkdir --help' for more information.

User@AIDS-LAB-15 MINGW64 ~/Downloads
$ mkdir Harisha

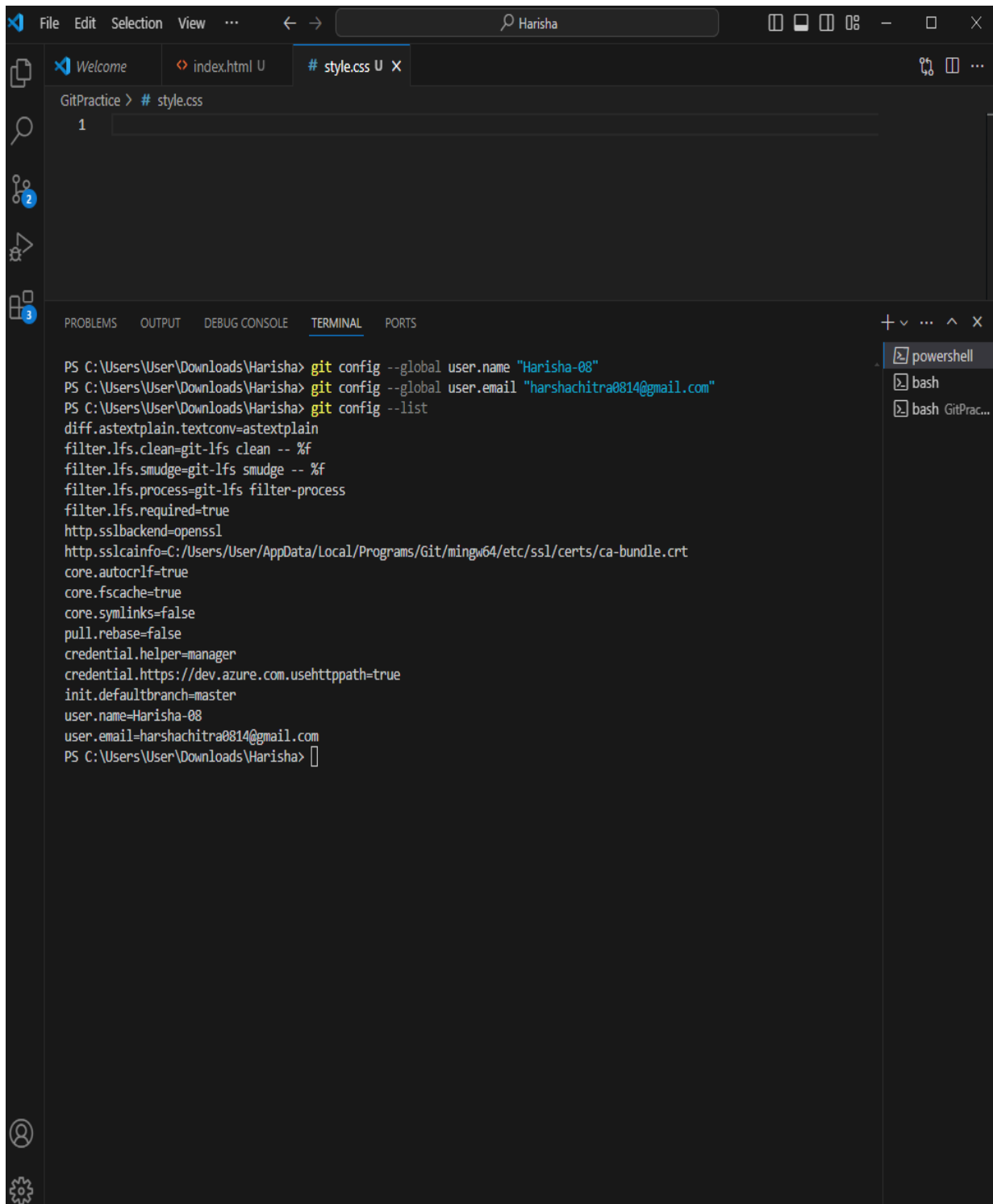
User@AIDS-LAB-15 MINGW64 ~/Downloads
$ cd Harisha

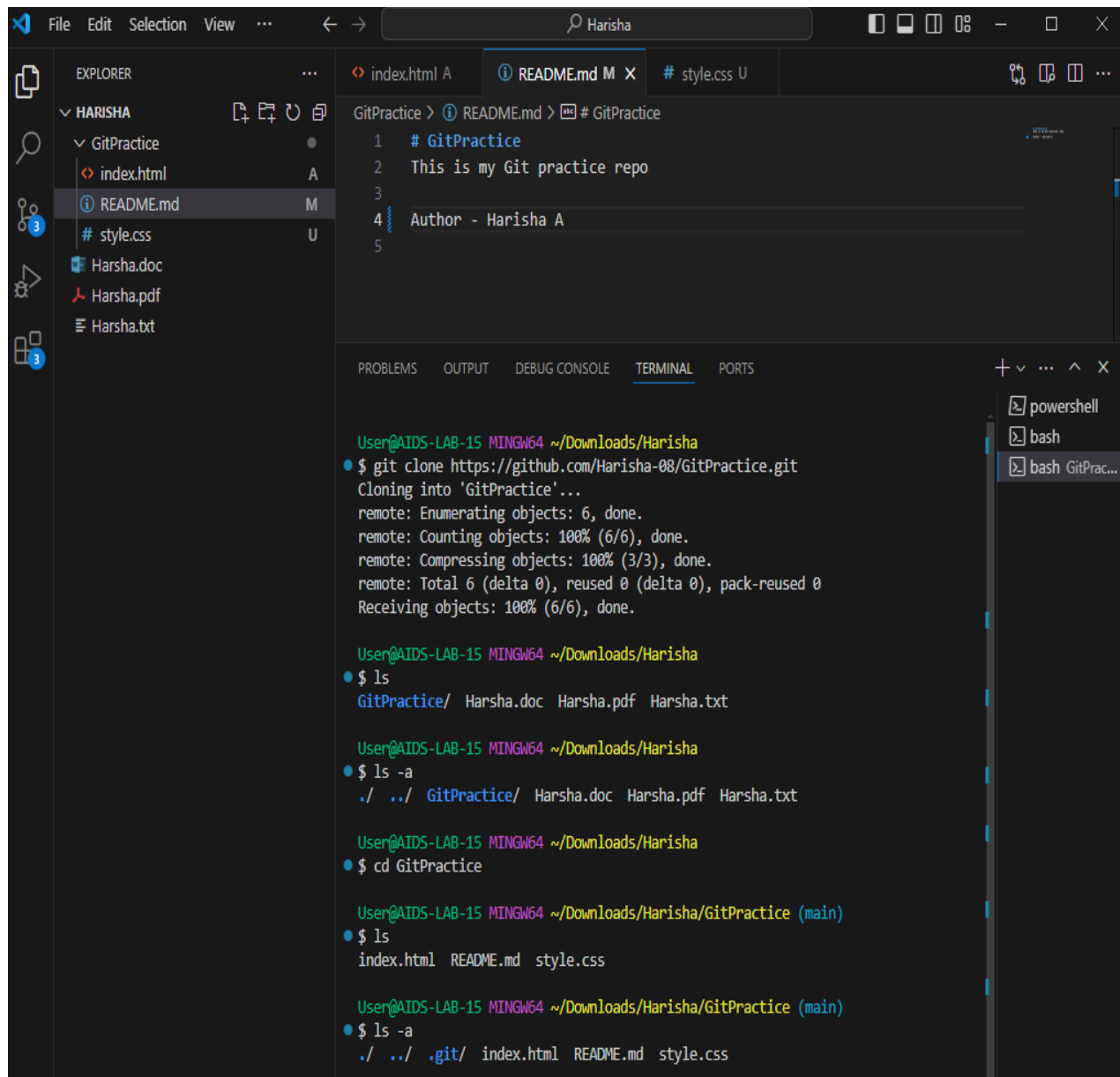
User@AIDS-LAB-15 MINGW64 ~/Downloads/Harisha
$ touch Harsha.txt

User@AIDS-LAB-15 MINGW64 ~/Downloads/Harisha
$ touch Harsha.pdf

User@AIDS-LAB-15 MINGW64 ~/Downloads/Harisha
$ touch Harsha.doc

User@AIDS-LAB-15 MINGW64 ~/Downloads/Harisha
$
```





FileEditViewHistoryBookmarksToolsHelp

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←→↺🔒https://github.com/Harisha-08/GitPractice☆📄🔍🔔🔗📁📄📄📄

☰

Harisha-08 / GitPractice

🔍+🕒🔗📁📄

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📄GitPracticePublic

📌Pin👁️Unwatch1

🔗Fork0

☆Star0

main

🔗📄

Go to file+

<>Code

About⚙️

📄Harisha-08 Update README.md4def092 · 53 minutes ago🕒

📄README.mdUpdate README.md53 minutes ago

📖README✎

# GitPractice

This is my Git practice repo

Author - Harisha

This is my Git practice repo

📖Readme🔔Activity☆0 stars👁️1 watching🔗0 forks

### Releases

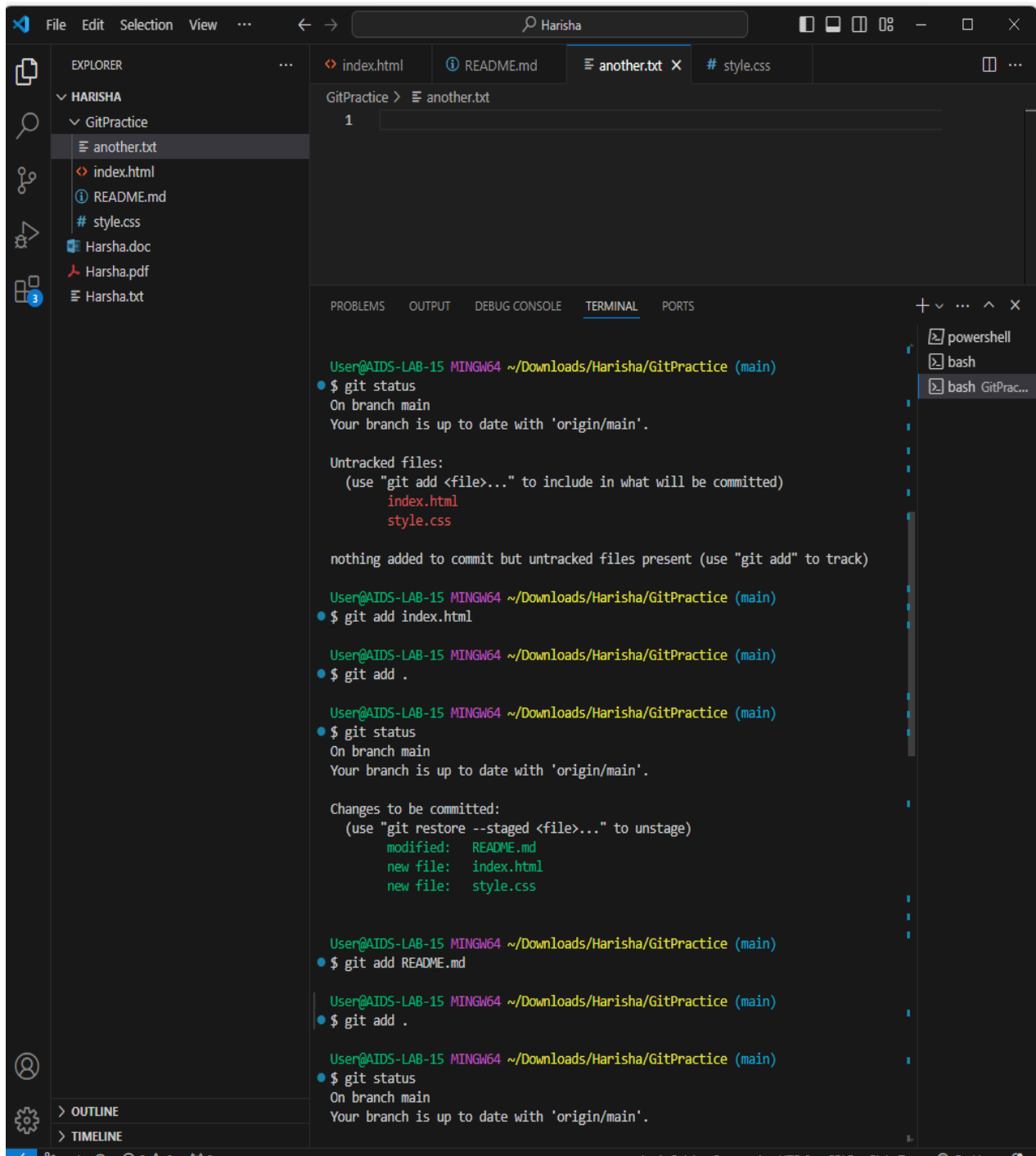
No releases published

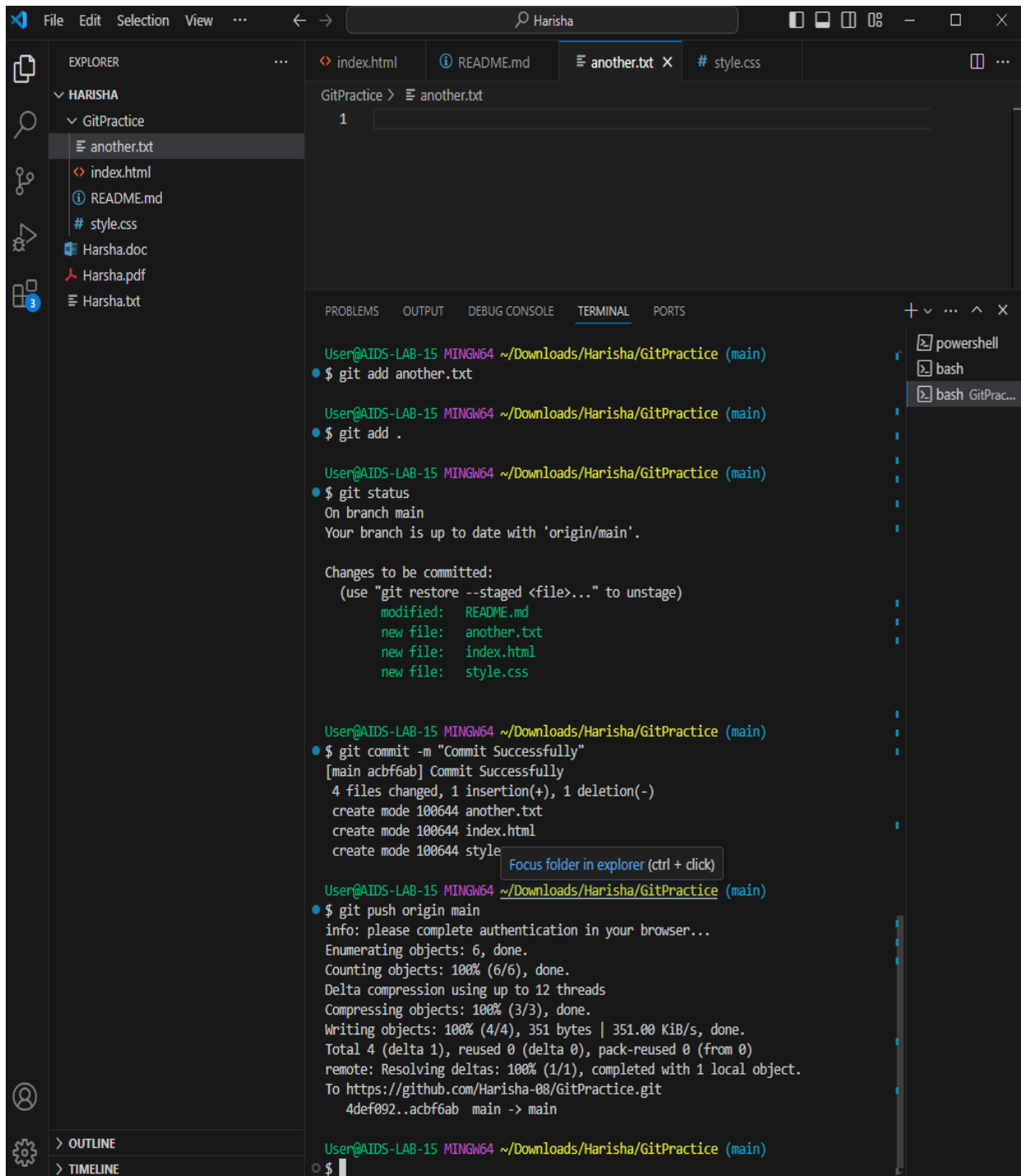
[Create a new release](#)

### Packages

No packages published

[Publish your first package](#)





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←→↻https://github.com/Harisha-08/GitPractice

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GitPracticePublic

PinUnwatch1Fork0Star0

mainGo to file+<>CodeAbout

Harisha-08Commit Successfullyacbf6ab · 6 minutes ago

README.md	Commit Successfully	6 minutes ago
another.txt	Commit Successfully	6 minutes ago
index.html	Commit Successfully	6 minutes ago
style.css	Commit Successfully	6 minutes ago

README

# GitPractice

This is my Git practice repo

Author - Harisha A

This is my Git practice repo

ReadmeActivity0 stars1 watching0 forks

ReleasesNo releases publishedCreate a new release

PackagesNo packages publishedPublish your first package

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The screenshot shows the Visual Studio Code interface with a terminal window open. The Explorer sidebar on the left shows a project named 'HARISHA' with files: 'another.txt', 'index.html', 'README.md', 'style.css', 'Harsha.doc', 'Harsha.pdf', and 'Harsha.txt'. The terminal window displays the following commands and output:

```
GitPractice > index.html > p
1 <p>This is my first Git session</p>

User@AIDS-LAB-15 MINGW64 ~/Downloads/Harisha/GitPractice (main)
$ git add style.css

User@AIDS-LAB-15 MINGW64 ~/Downloads/Harisha/GitPractice (main)
$ git add README.md

User@AIDS-LAB-15 MINGW64 ~/Downloads/Harisha/GitPractice (main)
$ git add .

User@AIDS-LAB-15 MINGW64 ~/Downloads/Harisha/GitPractice (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)
        modified:   README.md
        modified:   index.html
        modified:   style.css

User@AIDS-LAB-15 MINGW64 ~/Downloads/Harisha/GitPractice (main)
$ git commit -m "Changes made"
[main f21e5f3] Changes made
 3 files changed, 5 insertions(+)

User@AIDS-LAB-15 MINGW64 ~/Downloads/Harisha/GitPractice (main)
$ git push origin main
Enumerating objects: 9, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 501 bytes | 501.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote: This repository moved. Please use the new location:
remote:   https://github.com/Harisha08/GitPractice.git
To https://github.com/Harisha-08/GitPractice.git
   acbf6ab..f21e5f3  main -> main

User@AIDS-LAB-15 MINGW64 ~/Downloads/Harisha/GitPractice (main)
$
```

The screenshot shows the Visual Studio Code interface with the 'style.css' file open in the editor. The file content is as follows:

```
GitPractice > # style.css > p
1 p{
2   color: red;
3 }
```

FileEditViewHistoryBookmarksToolsHelp

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←→↻🔒https://github.com/Harisha08/GitPractice

☰

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GitPracticePublic

📌 Pin👁 Unwatch2📄 Fork0🌟 Star0

🔗 main🔗📄

Go to file+<> Code

About⚙

Harisha08 Changes madef21e5f3 · 5 minutes ago🕒

📄 README.md	Changes made	5 minutes ago
📄 another.txt	Commit Successfully	52 minutes ago
📄 index.html	Changes made	5 minutes ago
📄 style.css	Changes made	5 minutes ago

📖 README✎

# GitPractice

This is my Git practice repo

Author - Harisha A

This is my first Git session

### About

This is my Git practice repo

📖 Readme

📈 Activity

🌟 0 stars

👁 2 watching

🔗 0 forks

### Releases

No releases published

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### Packages

No packages published

[Publish your first package](#)

### Languages

● HTML 64.3% ● CSS 35.7%

### Suggested workflows

Based on your tech stack

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←→↻🔒https://github.com/Harisha08/Training☆📄🔍🔔🔒📄📄📄

Harisha08 / Training🔍 type / to search+🔍🔔🔒📄📄📄📄

<> Code🔔 Issues🔗 Pull requests🔔 Actions📁 Projects📖 Wiki🔒 Security📈 Insights⚙️ Settings

TrainingPublic


📌 Pin👁️ Unwatch 1🔗 Fork 0☆ Star 0



### Set up GitHub Copilot

Use GitHub's AI pair programmer to autocomplete suggestions as you code.

Get started with GitHub Copilot



### Add collaborators to this repository

Search for people using their GitHub username or email address.

Invite collaborators

### Quick setup — if you've done this kind of thing before

📄 Set up in Desktop or HTTPSSSHhttps://github.com/Harisha08/Training.git📄

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

### ...or create a new repository on the command line

```
echo "# Training" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/Harisha08/Training.git
git push -u origin main
```

### ...or push an existing repository from the command line

```
git remote add origin https://github.com/Harisha08/Training.git
git branch -M main
git push -u origin main
```

```
Git CMD
C:\Users\User>d:

D:\>cd Harshaa

D:\Harshaa>git init
Reinitialized existing Git repository in D:/Harshaa/.git/

D:\Harshaa>git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file1.txt
        file2.txt

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

D:\Harshaa>git add file1.txt

D:\Harshaa>git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   file1.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file2.txt

D:\Harshaa>git commit -m "My First Commit"
[master (root-commit) 402d36a] My First Commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file1.txt

D:\Harshaa>git add file2.txt

D:\Harshaa>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   file2.txt
```

```
D:\Harshaa>git commit -m "My Second Commit"
[master 3cfef30] My Second Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file2.txt

D:\Harshaa>git status
On branch master
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:    file1.txt

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

D:\Harshaa>git add .

D:\Harshaa>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    file1.txt

D:\Harshaa>git commit -m "My Commit message"
[master dce6a71] My Commit message
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 file1.txt

D:\Harshaa>git log
commit dce6a7105c8548246bee179e99d1a2061a0b9069 (HEAD -> master)
Author: Harisha-08 <harshachitra0814@gmail.com>
Date:   Thu Jul 11 15:11:11 2024 +0530

    My Commit message

commit 3cfef30dd6e3b13dcfe3231b0f435b0c6868d6a7
Author: Harisha-08 <harshachitra0814@gmail.com>
Date:   Thu Jul 11 15:07:49 2024 +0530

    My Second Commit

commit 402d36a15065ed3a23cdb4f518478552710f6020
Author: Harisha-08 <harshachitra0814@gmail.com>
Date:   Thu Jul 11 15:01:46 2024 +0530

    My First Commit
```

Git CMD

My Fourth commit

```
commit 1a3fbea9b3b14d3d10dcb59cd40ef52406c44015
Author: Harisha-08 <harshachitra0814@gmail.com>
Date: Thu Jul 11 15:53:24 2024 +0530
```

My Third Commit

```
commit b6bb0f96b8afbdee77fb4c392906774c90ca3b93
Author: Harisha-08 <harshachitra0814@gmail.com>
Date: Thu Jul 11 15:49:00 2024 +0530
```

My Second Commit

```
commit 42bfe8ac876e1371733730037096d1d5910fef7f
Author: Harisha-08 <harshachitra0814@gmail.com>
Date: Thu Jul 11 15:43:00 2024 +0530
```

My First Commit

```
C:\Users\User\Downloads\TestRepo>git diff
diff --git a/file1.txt b/file1.txt
index 4e7bdf7..f049276 100644
--- a/file1.txt
+++ b/file1.txt
@@ -1,2 @@
-Harisha A
\ No newline at end of file
+Harisha A
+Harsha
\ No newline at end of file
```

```
C:\Users\User\Downloads\TestRepo>
```

```
C:\Users\User>cd Downloads
```

```
C:\Users\User\Downloads>cd MyRepoC
```

```
C:\Users\User\Downloads\MyRepoC>git clone C:\Users\User\Downloads\MyRepo .
Cloning into '.'...
done.
```

```
C:\Users\User\Downloads\MyRepoC>cd ..
```

```
C:\Users\User\Downloads>cd MyRepo
```

```
C:\Users\User\Downloads\MyRepo>git branch
```

```
* master
```

```
C:\Users\User\Downloads\MyRepo>git branch --all
```

```
* master
```

```
C:\Users\User\Downloads\MyRepo>git branch MyBranch
```

```
C:\Users\User\Downloads\MyRepo>git branch
```

```
MyBranch
```

```
* master
```

```
C:\Users\User\Downloads\MyRepo>git ls-tree master
```

```
100644 blob e69de29bb2d1d6434b8b29ae775ad8c2e48c5391 File1.txt
```

```
C:\Users\User\Downloads\MyRepo>git ls-tree MyBranch
```

```
100644 blob e69de29bb2d1d6434b8b29ae775ad8c2e48c5391 File1.txt
```

```
C:\Users\User\Downloads\MyRepo>git checkout MyBranch
```

```
Switched to branch 'MyBranch'
```

```
C:\Users\User\Downloads\MyRepo>git branch
```

```
* MyBranch
```

```
master
```

```
C:\Users\User\Downloads\MyRepo>git add File2.txt
```

```
C:\Users\User\Downloads\MyRepo>git ls-tree MyBranch
```

```
100644 blob e69de29bb2d1d6434b8b29ae775ad8c2e48c5391 File1.txt
```

```
C:\Users\User\Downloads\MyRepo>git commit -m "MyBranch Commit"
```

```
[MyBranch ebb633c] MyBranch Commit
```

```
1 file changed, 0 insertions(+), 0 deletions(-)
```

```
create mode 100644 File2.txt
```

```
C:\Users\User\Downloads\MyRepo>git branch
* MyBranch
  master

C:\Users\User\Downloads\MyRepo>git add File2.txt

C:\Users\User\Downloads\MyRepo>git ls-tree MyBranch
100644 blob e69de29bb2d1d6434b8b29ae775ad8c2e48c5391    File1.txt

C:\Users\User\Downloads\MyRepo>git commit -m "MyBranch Commit"
[MyBranch ebb633c] MyBranch Commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 File2.txt

C:\Users\User\Downloads\MyRepo>git ls-tree MyBranch
100644 blob e69de29bb2d1d6434b8b29ae775ad8c2e48c5391    File1.txt
100644 blob e69de29bb2d1d6434b8b29ae775ad8c2e48c5391    File2.txt

C:\Users\User\Downloads\MyRepo>git checkout master
Switched to branch 'master'

C:\Users\User\Downloads\MyRepo>git merge MyBranch
Updating a82315c..ebb633c
Fast-forward
 File2.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 File2.txt

C:\Users\User\Downloads\MyRepo>git ls-tree master
100644 blob e69de29bb2d1d6434b8b29ae775ad8c2e48c5391    File1.txt
100644 blob e69de29bb2d1d6434b8b29ae775ad8c2e48c5391    File2.txt

C:\Users\User\Downloads\MyRepo>git branch -d MyBranch
Deleted branch MyBranch (was ebb633c).

C:\Users\User\Downloads\MyRepo>git branch
* master

C:\Users\User\Downloads\MyRepo>git branch -m master boss

C:\Users\User\Downloads\MyRepo>git branch
* boss

C:\Users\User\Downloads\MyRepo>
```



```
C:\Users\User>cd Downloads
```

```
C:\Users\User\Downloads>cd GitClone
```

```
C:\Users\User\Downloads\GitClone>git init
```

```
Initialized empty Git repository in C:/Users/User/Downloads/GitClone/.git/
```

```
C:\Users\User\Downloads\GitClone>git clone https://github.com/Harisha08/GithubPractice.git
```

```
Cloning into 'GithubPractice'...
```

```
remote: Enumerating objects: 40, done.
```

```
remote: Counting objects: 100% (40/40), done.
```

```
remote: Compressing objects: 100% (24/24), done.
```

```
remote: Total 40 (delta 7), reused 40 (delta 7), pack-reused 0
```

```
Receiving objects: 100% (40/40), done.
```

```
Resolving deltas: 100% (7/7), done.
```

```
C:\Users\User\Downloads\GitClone>A|
```