

1. Initializing git repository and Adding file to it

23/9/25

C:\Users\Acer> D:

1. Setting up basic

Commands.

D:\> mkdir Jeevan

D:\> cd Jeevan

D:\Jeevan> mkdir prob01

D:\Jeevan> cd prob01

D:\Jeevan\prob01> notepad 1a.txt

D:\Jeevan\prob01> git config --global user.name "Jeevan"

D:\Jeevan\prob01> git config --global user.email "jeevantr2006@gmail.com"

D:\Jeevan\prob01> git init

D:\Jeevan\prob01> git add 1a.txt

D:\Jeevan\prob01> git status

on branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>" to unstage)

new file: 1a.txt

D:\Jeevan\prob01> git commit -m "Adding first file"

[master (root - commit) 1c49ee] Adding first file 011

1 file changed, 3 insertions (+)

create mode 100644 1a.txt

D:\Jeevan\prob01> git log

commit 1c49ee168c0f726acf3d22055ed837e877896fe0f

Author: Jeevan <jeevantr2006@gmail.com> HEAD -> master

Date: Tue Sep 23 12:14:20 2025 +0530

Adding first file

D:\Jeevan\prob01> git status

on branch master

nothing to commit, working tree clean.

2. Experiment - 02.

Creating And Managing Branches

```
C:\Users\Acer>d:
D:\> git config --global --unset-all user.name
D:\> git config --global --unset-all user.email
D:\> mkdir Jeevan.
D:\> cd Jeevan.
D:\Jeevan>mkdir progo1
D:\Jeevan>cd progo1.
D:\Jeevan\progo1>nano .gitconfig
D:\Jeevan\progo1>git config --global user.name "Jeevan"
D:\Jeevan\progo1>git config --global user.email "jeevanr2008@gmail.com"
D:\Jeevan\progo1>git init
Initialized empty Git repository in D:\Jeevan\progo1/.git/
D:\Jeevan\progo1>git add 1a.txt
D:\Jeevan\progo1>git status
On branch master
  Your branch is up-to-date with 'origin/master'.
No commits yet
Changes to be committed:
  (use "git commit -m <message>" to unstage)
    new file: 1a.txt
D:\Jeevan\progo1>git commit -m "Added a file"
[master (root-commit) fe3f112] Added a file
 1 file changed, 3 insertions(+), 0 deletions(-)
Create mode 100644 1a.txt
D:\Jeevan\progo1>git status
On branch master
nothing to commit, working tree clean.
D:\Jeevan\progo1>git checkout -b b1
Switched to a new branch 'b1'
```

D:\Jeevan\progo1>1a.txt

D:\Jeevan\progo1>git add .
Changes not staged for committing due to unstaged changes.
Use "git add <file>..." to update what will be committed.
Use "git restore <file>..." to discard changes in working directory.
no changes added to commit (use "git add" and/or "git commit -a")

D:\Jeevan\progo1>git add 1a.txt
Changes to be committed:
 use "git restore --staged <file>..." to unstage)
D:\Jeevan\progo1>git commit -m "Modified the file"
[branch b1] Modified the file
 1 file changed, 3 insertions(+), 0 deletions(-)
D:\Jeevan\progo1>git checkout master
Switched to branch 'master'
 1 file changed, 3 insertions(+), 0 deletions(-)

Updating fe3f112... euaabobo
fast-forward
 1 file changed, 3 insertions(+), 0 deletions(-)
 1 file changed, 3 insertions(+), 0 deletions(-)

Experiment - observation

1

Updating 900a738 .. 9007f67
Fast-forward

C:\user\Acer\rd! Collaboration and remote
Repositories - J

Repositions - J

1 file changed, 2 insertions (+), 1 deletion (-) \rightarrow workspace differs
D:\Jeevan\progs>git stash
D:\Jeevan\progs>git stash list
stash @{0}: on 4b1: Saving for further commit
D:\Jeevan\progs>git stash pop
D:\Jeevan\progs>git status
nothing to commit, working tree clean
Dropped refs/stash@{0} (3cd534ee1f483ed29d5dd66 00eb28377)

remove: Total 6 (delta 0), replaced 8 (delta 0), from =

1909-10-12
Came up of section No 15000
1909-10-12
Searched for camp

(1) NO₂ + O₃ → NO + O₂

Verdins grottes
Jyoti des îles d'Asie
Colombes bleus (p. 320) Jyoti des îles d'Asie
Colombes bleus (p. 320) Jyoti des îles d'Asie

Dr. Stevens' biography of one of our own.

Big League baseball players eat more meat.

卷之三

Confidence of $\alpha = 0.95$ before number 10000
is given by $\hat{\mu} \pm 1.96\sigma$

1930-1931. December 1930. The Committee on Education, 1930-1931.

where he has got his coat / now as I am going to see him again

Experiment - 07

28/01/25

GST TAGS AND RELEASES

```
F:\> mkdir Jeevan.  
F:\> cd Jeevan.  
F:\Jeevan> mkdir prog7  
F:\Jeevan> cd prog7  
F:\Jeevan\prog7> git init  
Initialized empty Git repository in F:\Jeevan\prog7\.git/  
F:\Jeevan\prog7> notepad 1a.txt  
F:\Jeevan\prog7> git add 1a.txt  
F:\Jeevan\prog7> git config --global user.name "Jeevan"  
F:\Jeevan\prog7> git config --global user.email "jeevantry2006@gmail.com"  
F:\Jeevan\prog7> git commit -m "First Commit"  
[master (root -> commit) be7a062] First commit  
1 file changed, 1 insertion(+)  
create mode 100644 1a.txt  
F:\Jeevan\prog7> notepad 1a.txt  
F:\Jeevan\prog7> git add 1a.txt  
F:\Jeevan\prog7> git commit -m "Second Commit"  
[master 2b570a1] Second commit  
1 file changed, 2 insertions(+), 1 deletion(-)  
F:\Jeevan\prog7> git tag "v1.0"  
F:\Jeevan\prog7> git log  
Commit 2b570a1 [7539a5f619d2f382e810a063961d4fc (HEAD -> master)  
Author : jeevantry <jeevantry2006@gmail.com>  
Date : Tue Oct 29 11:20:02 2025 +0530  
Second commit
```

F:\Jeevan\prog> notepad 1a.txt
F:\Jeevan\prog> git add 1a.txt
[master bbf1f22] Third commit
1 file changed, 2 insertions(+), 1 deletion(-)
F:\Jeevan\prog> notepad 1a.txt
F:\Jeevan\prog> add 1a.txt
F:\Jeevan\prog> git commit -m "Third commit"
[master e03fa8d] Third commit
1 file changed, 2 insertions(+), 1 deletion(-)
F:\Jeevan\prog> git tag "v1.0"
F:\Jeevan\prog> log
commit e03fa8d0e36fdf859ce87d91c0f4f9157ead174 (HEAD->
Author: Jeevan <jeevantr2006@gmail.com> master, tag v2.0
Date: Tue Oct 28 11:23:51 2025 +0530
Fourth commit
commit b6f4122e9ea233b0463331cc67620040760d611e
Author: Jeevan <jeevantr2006@gmail.com> date
Date: Tue Oct 28 11:23:09 2025 +0530
Third commit
commit 2b570a1a17539a5ff619d2f382e810a06396d4fc [tag: v1.0]
Author: Jeevan <jeevantr2006@gmail.com> date
Date: Tue Oct 28 11:20:02 2025 +0530
Second commit
commit b7a0b21a6d745d72d2826ff269efc84eb80d
Author: Jeevan <jeevantr2006@gmail.com> date
Date: Tue Oct 28 11:18:25 2025 +0530
First commit
F:\Jeevan\prog> git tag -l
v1.0
v2.0
F:\Jeevan\prog> git tag -d v1.0
Deleted tag 'v1.0' (was 2b570a1)

Experiment - 69

(10)

D:\Jeevan\prog9> git log 01 - jeevantr

(11)

Analysing And changing Git History - I

C:\Users\HUST>d:
D:\>mkdir Jeevan.

D:\>cd Jeevan.

D:\Jeevan>mkdir prog9 & cd prog9 /newhist/

D:\Jeevan>cd prog9 & git config user.name "Jeevan"

D:\Jeevan\prog9>git init & cd ..

D:\Jeevan\prog9>git repository in D:\Jeevan\prog9>git init

Initialized empty Git repository in D:\Jeevan\prog9>git config --global user.name "Jeevan"

D:\Jeevan\prog9>git config --global user.email 2006@gmail.com

D:\Jeevan\prog9>notepad 1a.txt

D:\Jeevan\prog9>git add 1a.txt & git commit -m "Added line 1"

[master (root-commit) a3825ff] Added line 1
1 file changed, 1 insertion(+)

create mode 100644 1a.txt

D:\Jeevan\prog9>notepad 1a.txt

D:\Jeevan\prog9>git add 1a.txt

D:\Jeevan\prog9>git commit -m "Added line 2"

[master 319a578] Added 2 line 2 10:21:11 8c 1a.txt +1 -1

1 file changed, 2 insertions(+), 1 deletion(-)

D:\Jeevan\prog9>notepad 1a.txt & git commit -m "Added line 3"

D:\Jeevan\prog9>git add 1a.txt & git commit -m "Added line 3"

[master 3824b2e] Added line 3
1 file changed, 2 insertions(+), 1 deletion(-)

D:\Jeevan\prog9>git commit -m "Added line 3"

[master 3824b2e] Added line 3
1 file changed, 2 insertions(+), 1 deletion(-)

D:\Jeevan\prog9>git commit -m "Added line 3"

[master 3824b2e] Added line 3
1 file changed, 2 insertions(+), 1 deletion(-)

Date : Tue Oct 28 11:16:51 2025 +0530

commit a81a578aa4809733d090c32ef0a860c21f656095<0
Author: Jeevan <jeevantr 2006@gmail.com>
Date: Tue Oct 28 11:16:51 2025 +0530
Added line 2
commit a81a578aa4809733d090c32ef0a860c21f656095<0
Author: Jeevan <jeevantr 2006@gmail.com>
Date: Tue Oct 28 11:16:51 2025 +0530
Added line 1
commit 819a578aa4809733d090c32ef0a860c21f656095<0
Author: Jeevan <jeevantr 2006@gmail.com>
Date: Tue Oct 28 11:16:51 2025 +0530
Added line 1
commit 819a578aa4809733d090c32ef0a860c21f656095<0
Author: Jeevan <jeevantr 2006@gmail.com>
Date: Tue Oct 28 11:16:51 2025 +0530
Added line 1
diff -git 1 a1a.txt b1a.txt
index 844fd0..69d89c6
--- a 1a.txt
+++ b 1a.txt
@@ -1 +1,2 @@
-hg5dfghsceaygjhsch ikswel dwgjg
+ No newline at end of file
+ hg5dfghsceaygjhsch ikswel dwgjg
+ sd1gkisn0djkukwvrgyufkpfweakkjwBNE hgsjeh
+ No newline at end of file
D:\Jeevan\prog9>log -n 1 1a.txt & git import /newhist/1
commit 3824b2e7ea8363ab4fa4ba0fb6c67c29c02961sa (HEAD - master)
Author: Jeevan <jeevantr 2006@gmail.com>
Date : Tue Oct 28 11:16:51 2025 +0530
Added line 3
Notified the import command

O.1V

One by one the changes must be added

Experiment - II

(12)

ANALYSING AND CHANGES MADE

```

C:\Users\MSIT>d!
D:\> mkdir Jeevan
D:\> cd Jeevan
D:\Jeevan> mkdir prog1
D:\Jeevan> cd prog1
D:\Jeevan\prog1> git init
D:\Jeevan\prog1> git config --global user.name "Jeevan"
D:\Jeevan\prog1> git config --global user.name "jeevan2006@gmail.com"
D:\Jeevan\prog1> git config --global user.name "jeevan2006@gmail.com"
D:\Jeevan\prog1> notepad text.txt
D:\Jeevan\prog1> git add text.txt
D:\Jeevan\prog1> git commit -m "Added line 1"
D:\Jeevan\prog1> git commit -m "Added line 1"
[master (root-commit) bfa009] Added line 1
 1 file changed, 1 insertion(+), 0 deletion(-)
  create mode 100644 text.txt
D:\Jeevan\prog1> notepad text.txt
D:\Jeevan\prog1> git add text.txt
D:\Jeevan\prog1> git commit -m "Added line 2"
[master f73d5c] Added line 2
 1 file changed, 2 insertions(+), 0 deletion(-)
D:\Jeevan\prog1> git commit -m "Added line 3"
[master f4115ad] Added line 3
 1 file changed, 2 insertions(+), 1 deletion(-)
D:\Jeevan\prog1> notepad text.txt
D:\Jeevan\prog1> git add text.txt

```

D:\Jeevan\prog1> git commit -m "Added line 4"
[master 5d5bc93] Added line 4
 1 file changed, 2 insertions(+), 1 deletion(-)

D:\Jeevan\prog1> git log -n 5
commit 61504734d1a4c05d2e6115352d11e969a04b32(HEAD - master)
Author: Jeevan <jeevan2006@gmail.com>
Date: Tue Oct 28 12:03:52 2025 +0530
 1 file changed, 2 insertions(+), 1 deletion(-)
commit 5a5bc93a9d614005bedf5e74365f872ba522541
Author: Jeevan <jeevan2006@gmail.com>
Date: Tue Oct 28 12:03:17 2025 +0530
 1 file changed, 2 insertions(+), 0 deletion(-)
commit 743d5c16b7231a37192a694866fb32ebf6e51
Author: Jeevan <jeevan2006@gmail.com>
Date: Tue Oct 28 12:01:12 2025 +0530
 1 file changed, 2 insertions(+), 0 deletion(-)
commit 43d5c16b7231a37192a694866fb32ebf6e51
Author: Jeevan <jeevan2006@gmail.com>
Date: Tue Oct 28 12:01:10 2025 +0530
 1 file changed, 2 insertions(+), 0 deletion(-)
commit bfa00928104e06d172484357c7edc556c5a202746
Author: Jeevan <jeevan2006@gmail.com>
Date: Tue Oct 28 12:00:54 2025 +0530
 1 file changed, 2 insertions(+), 0 deletion(-)
commit 1265115162022020201616050001314000000000
Author: Jeevan <jeevan2006@gmail.com>
Date: Tue Oct 28 12:00:20 2025 +0530
 1 file changed, 2 insertions(+), 0 deletion(-)

Notepad was closed and saved.

D:\Jeevan\prog\git log -n 4

commit b15u073u4dla4c05d2ec415352dd1ea96a0ubaa2 (HEAD -> master)

Author: Jeevan <jeevanr2006@gmail.com> 11:03:52 2015 +0530

Date: Tue Oct 28 10:03:52 2015 +0530

Added line 5

commit 5d5bc93a9de64005bed5f5e743b5f8726eb515u1 (HEAD -> master)

Author: Jeevan <jeevanr2006@gmail.com> 11:03:52 2015 +0530

Date: Tue Oct 28 10:03:52 2015 +0530

Added line 4.

commit 74115ad38d9d4565552cef5d314010f6d2642621 (HEAD -> master)

Author: Jeevan <jeevanr2006@gmail.com> 11:03:52 2015 +0530

Date: Tue Oct 28 10:03:52 2015 +0530

Added line 3

commit 73d54ce1467231a87102a69b94846f32cb66e51 (HEAD -> master)

Author: Jeevan <jeevanr2006@gmail.com> 11:03:52 2015 +0530

Date: Tue Oct 28 10:03:52 2015 +0530

Added line 2.

D:\Jeevan\prog\git log -n 3

commit b15u073u4dla4c05d2ec415352dd1ea969a0ubaa2 (HEAD -> master)

Author: Jeevan <jeevanr2006@gmail.com> 11:03:52 2015 +0530

Date: Tue Oct 28 10:03:52 2015 +0530

Added line 5

commit 5d5bc93a9de64005bed5f5e743b5f8726eb515u1 (HEAD -> master)

Author: Jeevan <jeevanr2006@gmail.com> 11:03:52 2015 +0530

Date: Tue Oct 28 10:03:52 2015 +0530

Added line 4.

D:\Jeevan\prog\git log -n 2

commit 615u073u4dla4c05d2ec415352dd1ea969a0ubaa2 (HEAD -> master)

Author: Jeevan <jeevanr2006@gmail.com> 11:03:52 2015 +0530

Date: Tue Oct 28 10:03:52 2015 +0530

Added line 5

commit 5d5bc93a9de64005bed5f5e743b5f8726eb515u1 (HEAD -> master)

Author: Jeevan <jeevanr2006@gmail.com> 11:03:52 2015 +0530

Date: Tue Oct 28 10:03:52 2015 +0530

Added line 4.

(15)

Experiment - 08

Author: Jeevan <jeevan@gmail.com>

E:\Jeevan\prog08> git log

commit 16b94cf792eda80c978fcade05ad6f34c540 (HEAD -> f61)

Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:28:32 2025 +0530

Added line 4.

commit 4b57d3b8e224f43809925482a73c263043cb9d4f (root/3)

Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:28:11 2025 +0530

Added line 3.

commit c504c2511c9d26339dc542dd8f6c0046 (root/3)

Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:27:35 2025 +0530

Added line 2.

commit 703f3598c0e899e24fd685890566d6606@1008b (master)

Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:26:53 2025 +0530

Added line 1.

E:\Jeevan\prog08> git checkout master

Switched to branch 'master'

E:\Jeevan\prog08> git checkout -b f62

Switched to a new branch 'f62'.

E:\Jeevan\prog08> git cherry-pick 4b57d3b8e224f43809925482a73c26

Auto-merging file1.txt

CONFLICT (content): Merge conflict in file1.txt

error: could not apply 4b57d3b...: Added line 3

hint: After resolving the conflicts, mark them with

hint: "git add/rm <pathspec>" then run

hint: "git cherry-pick --continue".

hint: You can instead skip this commit with "git cherry-pick

hint: To abort and get back to the state before "git cherry-pick"

hint: run "git cherry-pick --abort".

hint: Disable this message with "git config merge.conflictStyle".

E:\Jeevan\prog08> note pad file1.txt

E:\Jeevan\prog08> git add file1.txt

E:\Jeevan\prog08> git commit -m "Added line 3"

1 file changed, 2 insertions(+), 1 deletion(-)

E:\Jeevan\prog08> note pad file1.txt

E:\Jeevan\prog08> git add file1.txt

E:\Jeevan\prog08> git commit -m "Added line 4"

1 file changed, 2 insertions(+), 1 deletion(-)

E:\Jeevan\prog08> note pad file1.txt

E:\Jeevan\prog08> git commit -m "Added line 5"

1 file changed, 2 insertions(+), 1 deletion(-)

E:\Jeevan\prog08> note pad file1.txt

E:\Jeevan\prog08> git commit -m "Added line 6"

1 file changed, 2 insertions(+), 1 deletion(-)

E:\Jeevan\prog08> note pad file1.txt

E:\Jeevan\prog08> git commit -m "Added line 7"

1 file changed, 2 insertions(+), 1 deletion(-)

Experiment - 12

ANALYSING AND CHANGING GIT HISTORY - IV

Author: Jeevan <jeevan@gmail>
Date: Tue Nov 25 11:26:53 2025 +0530.

Added line 1

E:\Jeevan\program> git log --author="Jeevan" --since="Nov 01 2025"
commit 0b300eef4bba5680c36d8cf67404d1f31 on branch (Head #2)
Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:28:11 2025 +0530
Added line 3

commit 703f3598c0c899ed4ed45589d0266deb06 ad898b (master)
Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:26:53 2025 +0530
Added line 1.

commit 703f3598c0c899ed4ed45589d0266deb06 ad898b (master)
Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:26:53 2025 +0530
Added line 1.

commit 703f3598c0c899ed4ed45589d0266deb06 ad898b (master)
Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:26:53 2025 +0530
Added line 1.

commit 703f3598c0c899ed4ed45589d0266deb06 ad898b (master)
Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:26:53 2025 +0530
Added line 1.

commit 703f3598c0c899ed4ed45589d0266deb06 ad898b (master)
Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:26:53 2025 +0530
Added line 1.

commit 703f3598c0c899ed4ed45589d0266deb06 ad898b (master)
Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:26:53 2025 +0530
Added line 1.

commit 703f3598c0c899ed4ed45589d0266deb06 ad898b (master)
Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:26:53 2025 +0530
Added line 1.

commit 703f3598c0c899ed4ed45589d0266deb06 ad898b (master)
Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:26:53 2025 +0530
Added line 1.

commit 703f3598c0c899ed4ed45589d0266deb06 ad898b (master)
Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:26:53 2025 +0530
Added line 1.

commit 703f3598c0c899ed4ed45589d0266deb06 ad898b (master)
Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:26:53 2025 +0530
Added line 1.

commit 703f3598c0c899ed4ed45589d0266deb06 ad898b (master)
Author: Jeevan <jeevan@gmail.com>

Date: Tue Nov 25 11:26:53 2025 +0530
Added line 1.

E:\cmd\ Jeevan.
E:\cmd\ Jeevan.
E:\cmd\ Jeevan\ mkdir program
E:\Jeevan\ cd program

E:\Jeevan\ program> git init
Initialized empty Git repository in E:\Jeevan\program\git\!

E:\Jeevan\ program> git config --global user.name "Jeevan"
E:\Jeevan\ program> git config --global user.email "jeevan@gmail.com"

E:\Jeevan\ program> git add la.txt
E:\Jeevan\ program> git commit -m "added (line 1)"
[master f9aaaf7] added (line 1)

1 file changed, 1 insertion(+)
create mode 100644 la.txt

E:\Jeevan\ program> git add la.txt
E:\Jeevan\ program> git commit -m "added (line 2)"
[master f9aaaf7] added (line 2)

1 file changed, 2 insertions(+), 1 deletion(-)

E:\Jeevan\ program> notepad la.txt
E:\Jeevan\ program> git add la.txt
E:\Jeevan\ program> git commit -m "added (line 3)"
[master 176fd0] added (line 3)

1 file changed, 2 insertions(+) 1 deletion(-) files: 1 new, 1 deleted, 1 modified

E:\Jeevan\ program> git commit -m "added (line 4)"
E:\Jeevan\ program> notepad la.txt
E:\Jeevan\ program> git add la.txt
E:\Jeevan\ program> git commit -m "added (line 5)"
[master ced0de] added (line 5)

1 file changed, 2 insertions(+), 1 deletion(-)

E:\Jeevan\ program> notepad la.txt
E:\Jeevan\ program> git add la.txt
E:\Jeevan\ program> git commit -m "added (line 6)"
[master 176fd0] added (line 6)

1 file changed, 2 insertions(+), 1 deletion(-)

E:\Jeevan\ program> notepad la.txt
E:\Jeevan\ program> git add la.txt
E:\Jeevan\ program> git commit -m "added (line 7)"
[master 176fd0] added (line 7)

1 file changed, 2 insertions(+), 1 deletion(-)

E:\Jeevan\ program> notepad la.txt
E:\Jeevan\ program> git add la.txt
E:\Jeevan\ program> git commit -m "added (line 8)"
[master 176fd0] added (line 8)

1 file changed, 2 insertions(+), 1 deletion(-)

E:\Jeevan\ program> notepad la.txt
E:\Jeevan\ program> git add la.txt
E:\Jeevan\ program> git commit -m "added (line 9)"
[master 176fd0] added (line 9)

1 file changed, 2 insertions(+), 1 deletion(-)

E:\Jeevan\ program> notepad la.txt
E:\Jeevan\ program> git add la.txt
E:\Jeevan\ program> git commit -m "added (line 10)"
[master 176fd0] added (line 10)

1 file changed, 2 insertions(+), 1 deletion(-)

E:\Jeevan\ program> notepad la.txt
E:\Jeevan\ program> git add la.txt
E:\Jeevan\ program> git commit -m "added (line 11)"
[master 176fd0] added (line 11)

1 file changed, 2 insertions(+), 1 deletion(-)

E:\Jeevan\ program> notepad la.txt
E:\Jeevan\ program> git add la.txt
E:\Jeevan\ program> git commit -m "added (line 12)"
[master 176fd0] added (line 12)

1 file changed, 2 insertions(+), 1 deletion(-)

E:\Jeevan\Prog\git log

commit ce0d4e9b2002602fc9dca0875606f356bd | eee (HEAD->main)
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:55:09 2025 +0530

commit ffacfffa36abb65736c09161705a5801aa03
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:55:51 2025 +0530

commit 176fda912f5addeb9b66999c4769bc6c66924d96662
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:55:59 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:56:14 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:56:33 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:56:41 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:56:49 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:57:07 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:57:14 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:57:33 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:57:51 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:58:09 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:58:14 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:58:20 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:58:26 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:58:33 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:58:41 2025 +0530

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Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:58:49 2025 +0530

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Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:59:07 2025 +0530

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Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:59:14 2025 +0530

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Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:59:20 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:59:26 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:59:33 2025 +0530

commit f9aa7796ea9ebf8413e5c6f86e08295a1d5526
Author: Jeevan <jeevan@gmail.com>
Date: Tue Nov 05 11:59:41 2025 +0530

Experiment - 05

Collaboration and Remote Repositories - II

from <https://github.com/lucil1128/repo05>

```
E:\> cd Jeevan
E:\Jeevan> mkdir progos
E:\Jeevan> cd progos
E:\Jeevan\progos> git config --global user.name "Jeevan"
E:\Jeevan\progos> git config --global user.email "jeevan@lucil1128@gmail.com"
E:\Jeevan\progos> git clone https://github.com/lucil1128/repo05.git
Cloning into 'repo05'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (delta 0)
Receiving objects: 100% (6/6), done.
E:\Jeevan\progos> cd repos
E:\Jeevan\progos\repos> file05.txt
E:\Jeevan\progos\repos> git fetch origin
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (delta 0)
Unpacking objects: 100% (3/3), 941 bytes | 325.00 KiB/s, done.
From https://github.com/lucil1128/repo05
   6666885..ebf305 main → origin/main.
E:\Jeevan\progos\repos> git rebase origin/main.
Successfully rebased and updated refs/heads/main.
E:\Jeevan\progos\repos> git checkout -b f61
Switched to a new branch 'f61'.
E:\Jeevan\progos\repos> file05.txt
E:\Jeevan\progos\repos> git add file05.txt
E:\Jeevan\progos\repos> git commit -m "Committing 3rd line in f61"
[fb1 3344bbb] committing 3rd line in f61
 1 file changed, 1 insertion(+)
E:\Jeevan\progos\repos> git fetch origin
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (delta 0)
To https://github.com/lucil1128/repo05.git
 * [new branch] f61 → f61.
```

E:\> mkdир Jeevan

E:\Jeevan> mkdir progos

E:\Jeevan> cd progos

E:\Jeevan\progos> git config --global user.name "Jeevan"

E:\Jeevan\progos> git config --global user.email "jeevan@lucil1128@gmail.com"

E:\Jeevan\progos> git clone https://github.com/lucil1128/repo05.git

Cloning into 'repo05'...

remote: Enumerating objects: 6, done.

remote: Counting objects: 100% (6/6), done.

remote: Compressing objects: 100% (3/3), done.

remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (delta 0)

Receiving objects: 100% (6/6), done.

E:\Jeevan\progos> cd repos

E:\Jeevan\progos\repos> file05.txt

E:\Jeevan\progos\repos> git fetch origin

remote: Enumerating objects: 5, done.

remote: Counting objects: 100% (5/5), done.

remote: Compressing objects: 100% (2/2), done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (delta 0)

Unpacking objects: 100% (3/3), 941 bytes | 325.00 KiB/s, done.

From <https://github.com/lucil1128/repo05>

6666885..ebf305 main → origin/main.

E:\Jeevan\progos\repos> git rebase origin/main.

Successfully rebased and updated refs/heads/main.

E:\Jeevan\progos\repos> git checkout -b f61

Switched to a new branch 'f61'.

E:\Jeevan\progos\repos> file05.txt

E:\Jeevan\progos\repos> git add file05.txt

E:\Jeevan\progos\repos> git commit -m "Committing 3rd line in f61"

[fb1 3344bbb] committing 3rd line in f61

1 file changed, 1 insertion(+)

E:\Jeevan\progos\repos> git fetch origin

remote: Enumerating objects: 5, done.

remote: Counting objects: 100% (5/5), done.

remote: Compressing objects: 100% (2/2), done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (delta 0)

To <https://github.com/lucil1128/repo05.git>

* [new branch] f61 → f61.

E:\> conflict (content): Merge conflict in file05.txt

Error: could not apply 3344bbb... committing 3rd line in fb1

Hint: Resolve all conflicts manually, mark them as resolve with

Hint: "git add/ <conflicted_file>" then run "git rebase --continue"

Hint: you can instead skip this commit: "git rebase --skip".

Hint: To abort and git back to the state before

"git rebase", run "git rebase --abort".

Hint: Disable this message with "git config advice.mergeConflictHint

could not apply 3344bbb... committing 3rd line in fb1.

E:\Jeevan\progos\repos> file05.txt

E:\Jeevan\progos\repos> git add file05.txt

Hint: Waiting for your editor to close the file... um, jobs:

Converting file E:\Jeevan\progos\repos\git\luminos\editMSG to dos

format.... dos2unix: converting file E:\Jeevan\progos\repos\

·git\luminos\editMSG to unix format...

[detached HEAD f120632] Committing 3rd line in fb1

1 file changed, 1 insertion(+)

Successfully rebased and updated refs/heads/fb1.

E:\Jeevan\progos\repos> git push origin fb1

Info: Please complete authentication in your browser...

Enumerating objects: 5, done...

Counting objects: 100% (5/5), done.

Delta compression using up to 12 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 325 bytes | 325.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (delta 0)

remote: Create a pull request for 'fb1' on GitHub by visiting

To <https://github.com/lucil1128/repo05.git>

* [new branch] fb1 → fb1.

Repo 05

Experiment - 06. 18/12/25

Collaboration and Remote Repositories - II



program - 05

E:\Jeevan\progs\repo05> git checkout main

Switched to branch 'main'

Your branch is behind 'origin/main' by 1 commit,
and can be fast-forwarded.

Use "git pull" to update your local branch)

E:\Jeevan\progs\repo05> git merge fb1

Updating eb0f305... f220632

Fast-forwarding

 file05.txt | 2 ++

 1 file changed, 2 insertions(+).

git merge fb1
From https://github.com/jeetanreddy/Repo05
 100% (2/2) [====] 100% 0s
* [new branch] fb1 <fb1>

git merge fb1
From https://github.com/jeetanreddy/Repo05
 100% (2/2) [====] 100% 0s
* [new branch] fb1 <fb1>