6.

```
admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p6
$ cd "C:\Users\admin\Desktop\shrila p6"

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p6
$ git clone "https://github.com/ShrilaASN/git.git"
Cloning into 'git'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (6/6), done.

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p6
$ cd "C:\Users\admin\Desktop\shrila p6\git"

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p6/git (main)
$ git checkout main
Already on 'main'
Your branch is up to date with 'origin/main'.

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p6/git (main)
$ git checkout -b feature-branch
Switched to a new branch 'feature-branch'

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p6/git (feature-branch)
$ echo "feature work" >>feature.txt

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p6/git (feature-branch)
$ git add .
warning: in the working copy of 'feature.txt', LF will be replaced by CRLF the next time Git touches it

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p6/git (feature-branch)
$ git commit -m "added feature work"
[feature-branch 7dbb111] added feature work
 1 file changed, 1 insertion(+)
 create mode 100644 feature.txt

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p6/git (feature-branch)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p6/git (main)
$ git merge feature-branch -m "custom merge message for branch"
Updating f6051e0..7dbb111
Fast-forward (no commit created; -m option ignored)
 feature.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 feature.txt

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p6/git (main)
$ git merge --continue
fatal: There is no merge in progress (MERGE_HEAD missing).

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p6/git (main)
$ git push origin main
info: please complete authentication in your browser...
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 288 bytes | 288.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ShrilaASN/git.git
   f6051e0..7dbb111  main -> main

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p6/git (main)
$ |
```

7.

```
admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p7
$ cd "C:\Users\admin\Desktop\shrila p7"

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p7
$ git clone "https://github.com/ShrilaASN/git.git"
Cloning into 'git'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 9 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (9/9), done.

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p7
$ cd "C:\Users\admin\Desktop\shrila p7\git"

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p7/git (main)
$ git log
commit 7dbb1111f9849c6fedd96da9d67c81d6cffedeaa (HEAD -> main, origin/main, origin/HEAD)
Author: varalakshmi mg <varalakshmimg23@gmail.com>
Date:   Tue Dec 16 15:15:39 2025 +0000

    added feature work

commit f6051e0a543ec3318a00b170c4218a1182716a64
Author: Shrila A S N <shrila1405@gmail.com>
Date:   Tue Dec 2 08:46:46 2025 +0000

    Add files via upload

commit 5775e1b84fb861410c17245f8ee3054300260c35
Author: Shrila A S N <shrila1405@gmail.com>
Date:   Tue Dec 2 08:30:56 2025 +0000

    Create git

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p7/git (main)
$ git tag v1.0

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p7/git (main)
$ git push origin v1.0
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ShrilaASN/git.git
 * [new tag]         v1.0 -> v1.0

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p7/git (main)
$ git tag v2.0 f6051e0a543ec3318a00b170c4218a1182716a64

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p7/git (main)
$ git push origin v2.0
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ShrilaASN/git.git
 * [new tag]         v2.0 -> v2.0

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p7/git (main)
$ git tag
v1.0
v2.0

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p7/git (main)
$ git show v1.0
commit 7dbb1111f9849c6fedd96da9d67c81d6cffedeaa (HEAD -> main, tag: v1.0, origin/main, origin/HEAD)
Author: varalakshmi mg <varalakshmimg23@gmail.com>
Date:   Tue Dec 16 15:15:39 2025 +0000

    added feature work

diff --git a/feature.txt b/feature.txt
new file mode 100644
index 0000000..bac0ee7
--- /dev/null
+++ b/feature.txt
```

```
diff --git a/feature.txt b/feature.txt
new file mode 100644
index 0000000..bac0ee7
--- /dev/null
+++ b/feature.txt
@@ -0,0 +1 @@
+feature work

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p7/git (main)
$ git tag v2.0
fatal: tag 'v2.0' already exists

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p7/git (main)
$ git show v2.0
commit f6051e0a543ec3318a00b170c4218a1182716a64 (tag: v2.0)
Author: Shrila A S N <shrila1405@gmail.com>
Date:   Tue Dec 2 08:46:46 2025 +0000

    Add files via upload

diff --git a/git b/git
index ec0e7f3..9f9eb42 100644
--- a/git
+++ b/git
@@ -1,4 +1,4 @@
-a=int(input("Enter a:"))
-b=int(input("Enter b:"))
-sum=a+b
-print("Sum:",sum)
+a=int(input("Enter a:"))^M
+b=int(input("Enter b:"))^M
+sum=a+b^M
+print("Sum:",sum)^M

admin@DESKTOP-EOD6V01 MINGW64 ~/Desktop/shrila p7/git (main)
$
```

8.

```
ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8
$ cd "C:\Users\ACS\Desktop\p8"

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8
$ git clone "https://github.com/ShrilaASN/git.git"
Cloning into 'git'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 9 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (9/9), done.

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8
$ cd "C:\Users\ACS\Desktop\p8\git"

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main)
$ git log
commit 7dbb1111f9849c6fedd96da9d67c81d6cffedeaa (HEAD -> main, tag: v1.0, origin/main, origin/HEAD)
Author: varalakshmi mg <varalakshmimg23@gmail.com>
Date:   Tue Dec 16 15:15:39 2025 +0000

    added feature work

commit f6051e0a543ec3318a00b170c4218a1182716a64 (tag: v2.0)
Author: Shrila A S N <shrila1405@gmail.com>
Date:   Tue Dec 2 08:46:46 2025 +0000

    Add files via upload

commit 5775e1b84fb861410c17245f8ee3054300260c35
Author: Shrila A S N <shrila1405@gmail.com>
Date:   Tue Dec 2 08:30:56 2025 +0000

    Create git

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main)
$ git tag v1.0
fatal: tag 'v1.0' already exists

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main)
$ git push origin v1.0
info: please complete authentication in your browser...
Everything up-to-date

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main)
$ git push origin v1.0
Everything up-to-date

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main)
$ git tag v2.0 f6051e0a543ec3318a00b170c4218a1182716a64
fatal: tag 'v2.0' already exists

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main)
$ git tag
v1.0
v2.0

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main)
$ git show v1.0
commit 7dbb1111f9849c6fedd96da9d67c81d6cffedeaa (HEAD -> main, tag: v1.0, origin/main, origin/HEAD)
Author: varalakshmi mg <varalakshmimg23@gmail.com>
Date:   Tue Dec 16 15:15:39 2025 +0000

    added feature work

diff --git a/feature.txt b/feature.txt
new file mode 100644
index 0000000..bac0ee7
--- /dev/null
+++ b/feature.txt
@@ -0,0 +1 @@
```

```
--- /dev/null
+++ b/feature.txt
@@ -0,0 +1 @@
+feature work

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main)
$ git tag v2.0
fatal: tag 'v2.0' already exists

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main)
$ git show v2.0
commit f6051e0a543ec3318a00b170c4218a1182716a64 (tag: v2.0)
Author: Shrila A S N <shrila1405@gmail.com>
Date:   Tue Dec 2 08:46:46 2025 +0000

    Add files via upload

diff --git a/git b/git
index ec0e7f3..9f9eb42 100644
--- a/git
+++ b/git
@@ -1,4 +1,4 @@
-a=int(input("Enter a:"))
-b=int(input("Enter b:"))
-sum=a+b
-print("Sum:",sum)
+a=int(input("Enter a:"))^M
+b=int(input("Enter b:"))^M
+sum=a+b^M
+print("Sum:",sum)^M

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main)
$ git cherry-pick f6051e0a543ec3318a00b170c4218a1182716a64
On branch main
Your branch is up to date with 'origin/main'.

You are currently cherry-picking commit f6051e0.
  (all conflicts fixed: run "git cherry-pick --continue")
  (use "git cherry-pick --skip" to skip this patch)
  (use "git cherry-pick --abort" to cancel the cherry-pick operation)

nothing to commit, working tree clean
The previous cherry-pick is now empty, possibly due to conflict resolution.
If you wish to commit it anyway, use:

    git commit --allow-empty

Otherwise, please use 'git cherry-pick --skip'

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main|CHERRY-PICKING)
$ git cherry-pick 7dbb1111f9849c6fedd96da9d67c81d6cffedeaa
On branch main
Your branch is up to date with 'origin/main'.

You are currently cherry-picking commit 7dbb111.
  (all conflicts fixed: run "git cherry-pick --continue")
  (use "git cherry-pick --skip" to skip this patch)
  (use "git cherry-pick --abort" to cancel the cherry-pick operation)

nothing to commit, working tree clean
The previous cherry-pick is now empty, possibly due to conflict resolution.
If you wish to commit it anyway, use:

    git commit --allow-empty

Otherwise, please use 'git cherry-pick --skip'

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main|CHERRY-PICKING)
$ git add .

ACS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main|CHERRY-PICKING)
$
```

9.

```
CS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main|CHERRY-PICKING)
 git add .

CS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main|CHERRY-PICKING)
 git log -n 1 --pretty=format:"%h- %an, %ar: %s" 7dbb1111f9849c6fedd96da9d67c81d6cffedeaa
dbb111- varalakshmi mg, 7 days ago: added feature work

CS@DESKTOP-4ACD865 MINGW64 ~/Desktop/p8/git (main|CHERRY-PICKING)
```

10.

```
USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10
$ cd "C:\Users\USER\OneDrive\Desktop\p10"

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10
$ git clone "https://github.com/ShrilaASN/git.git"
Cloning into 'git'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 9 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (9/9), done.

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10
$ cd "C:\Users\USER\OneDrive\Desktop\p10\git"

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10/git (main)
$ git log --oneline
7dbb111 (HEAD -> main, tag: v1.0, origin/main, origin/HEAD) added feature work
f6051e0 (tag: v2.0) Add files via upload
5775e1b Create git

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10/git (main)
$ git log --pretty=format:"%an|%ae|%ad"
varalakshmi mg|varalakshmimg23@gmail.com|Tue Dec 16 15:15:39 2025 +0000
Shrila A S N|shrila1405@gmail.com|Tue Dec 2 08:46:46 2025 +0000
Shrila A S N|shrila1405@gmail.com|Tue Dec 2 08:30:56 2025 +0000

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10/git (main)
$ git log --oneline --date=short
7dbb111 (HEAD -> main, tag: v1.0, origin/main, origin/HEAD) added feature work
f6051e0 (tag: v2.0) Add files via upload
5775e1b Create git

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10/git (main)
$ git log --author="USER@DESKTOP-OS3MJHL" --since="2025-12-02" --until="2025-12-16"

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10/git (main)
$ |
```

11.

```
USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10
$ cd "C:\Users\USER\OneDrive\Desktop\p10"

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10
$ git clone "https://github.com/ShrilaASN/git.git"
Cloning into 'git'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 9 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (9/9), done.

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10
$ cd "C:\Users\USER\OneDrive\Desktop\p10\git"

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10/git (main)
$ git log --oneline
7dbb111 (HEAD -> main, tag: v1.0, origin/main, origin/HEAD) added feature work
f6051e0 (tag: v2.0) Add files via upload
5775e1b Create git

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10/git (main)
$ git log --pretty=format:"%an|%ae|%ad"
varalakshmi mg|varalakshmimg23@gmail.com|Tue Dec 16 15:15:39 2025 +0000
Shrila A S N|shrila1405@gmail.com|Tue Dec 2 08:46:46 2025 +0000
Shrila A S N|shrila1405@gmail.com|Tue Dec 2 08:30:56 2025 +0000

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10/git (main)
$ git log --oneline --date=short
7dbb111 (HEAD -> main, tag: v1.0, origin/main, origin/HEAD) added feature work
f6051e0 (tag: v2.0) Add files via upload
5775e1b Create git

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10/git (main)
$ git log --author="USER@DESKTOP-OS3MJHL" --since="2025-12-02" --until="2025-12-16"

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10/git (main)
$ |
```

12.

```
USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10/git (main)
$ git log -n 5 --oneline
7dbb111 (HEAD -> main, tag: v1.0, origin/main, origin/HEAD) added feature work
f6051e0 (tag: v2.0) Add files via upload
5775e1b Create git

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10/git (main)
$ git revert f6051e0a543ec3318a00b170c4218a1182716a64 |
```

```
Revert "Add files via upload"

This reverts commit f6051e0a543ec3318a00b170c4218a1182716a64.

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# On branch main
# Your branch is up to date with 'origin/main'.
#
# Changes to be committed:
#       modified:   git
#
~
~
~
~
~
~
~
~
~
```

```
[main b8f9167] Revert "Add files via upload"
 1 file changed, 4 insertions(+), 4 deletions(-)

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10/git (main)
$ git reset --hard f6051e0a543ec3318a00b170c4218a1182716a64
HEAD is now at f6051e0 Add files via upload

USER@DESKTOP-OS3MJHL MINGW64 ~/OneDrive/Desktop/p10/git (main)
$ |
```