

Create 2 files -> File1 and File2

Name	Last commit message
File1.txt	Create File1.txt
File2.txt	Create File2.txt

Create 2 branches -> B1 and B2

Your branches	
B2	Updated 5 minutes ago by shubhamsharma11
B1	Updated 5 minutes ago by shubhamsharma11

Checkout to B1, Add second line in File1, Commit the changes

Checkout to B2, Add second line in File 2, Commit the changes

Merge the branch B1 to master

Merge the branch B2 to master

```
C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>git checkout B1
Switched to branch 'B1'
Your branch is up to date with 'origin/B1'.

C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>git pull
From https://github.com/shubhamsharma11/LabTestRepo
  2c86c53..c820e59  B1      -> origin/B1
  2c86c53..c820e59  B2      -> origin/B2
Updating 2c86c53..c820e59
Fast-forward
 File1.txt | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>git status
On branch B1
Your branch is up to date with 'origin/B1'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   File1.txt

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

C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>git add *

C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>git commit -m "file 1 line 2"
[B1 7d34703] file 1 line 2
 1 file changed, 1 insertion(+)

C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>git checkout B2
Switched to a new branch 'B2'
branch 'B2' set up to track 'origin/B2'.

C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>git status
On branch B2
Your branch is up to date with 'origin/B2'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   File2.txt

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

C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>git add *

C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>git commit -m "file 2 line 2"
[B2 fcd4f8d] file 2 line 2
 1 file changed, 1 insertion(+)

C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>
```

```

C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>git merge B1
Updating c820e59..7d34703
Fast-forward
 File1.txt | 1 +
 1 file changed, 1 insertion(+)

C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>git merge B2
Merge made by the 'ort' strategy.
 File2.txt | 1 +
 1 file changed, 1 insertion(+)

```

Pull the branch B1 to local repo

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C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>git status
On branch main
Your branch is ahead of 'origin/main' by 3 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>git push -u origin main
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 2 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (8/8), 784 bytes | 261.00 KiB/s, done.
Total 8 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), completed with 1 local object.
To https://github.com/shubhamsharma11/LabTestRepo.git
   c820e59..a0d32d7  main -> main
branch 'main' set up to track 'origin/main'.

C:\Users\VMUser\Desktop\Repo\Test\LabTestRepo\LabTestRepo>git checkout B1
Switched to branch 'B1'
Your branch is ahead of 'origin/B1' by 1 commit.
  (use "git push" to publish your local commits)

```