

```

-> check whether master is in clean state or not

-> Created a new branch "GitWork"
    $ git branch GitWork

-> Added hello.html file and added some content to it

-> Added files and Committed the GitWork branch
    $ git commit -a -m"files added"
    [GitWork 54401e0] files added
    2 files changed, 23 insertions(+)
    create mode 100644 commands.txt

-> checked the status of GitWork branch
    $ git status
    On branch GitWork
    Changes to be committed:
    (use "git restore --staged <file>..." to unstage)
        new file:   commands.txt
        modified:   hello.html

-> Now switch to master branch
    $ git checkout master
    Switched to branch 'master'

-> Added hello.html file and added some different content to it

-> Added files and Committed the master branch
    $ git commit -a -m"changed some content"
    [master 974a886] changed some content
    1 file changed, 10 insertions(+)

-> observing the changes that we made to the files
    $ git log --oneline --graph --decorate --all
    * 81dfad9 (HEAD -> master) added some extra content
    * 974a886 changed some content
    | * 54401e0 (GitWork) files added
    |/
    * 79ceca3 hello.html is added

-> checking the difference between the files before changes and after changes
    $ git diff
    diff --git a/commands.txt b/commands.txt
    index 6feec46..b9b1314 100644
    --- a/commands.txt
    +++ b/commands.txt
    @@ -25,3 +25,10 @@
    [master 974a886] changed some content
    1 file changed, 10 insertions(+)

+> observing the changes that we made to the files
+  $ git log --oneline --graph --decorate --all
+  * 81dfad9 (HEAD -> master) added some extra content
+  * 974a886 changed some content

```

```

+   | * 54401e0 (GitWork) files added
+   | /
+   * 79ceca3 hello.html is added
-> merging the GitWork branch with master to reflect the changes of GitWork
branch to master branch
$ git merge GitWork
Auto-merging hello.html
CONFLICT (content): Merge conflict in hello.html
CONFLICT (add/add): Merge conflict in commands.txt
Auto-merging commands.txt

-> committed the master branch
$ git commit -a -m"commit message"
[master 25166e9] commit message
1 file changed, 6 insertions(+)
-> Observe the git status
$ git status
On branch master
nothing to commit, working tree clean
-> created one backup file and added it in .gitignore file in master branch

-> committed the changes of master
$ git commit -a -m"commit message"
[master 3a613d4] commit message
1 file changed, 1 insertion(+), 1 deletion(-)

-> List of branches available in repository
$ git branch
GitWork
* master

-> Deleting the GitWork branch
$ git branch -d GitWork
Deleted branch GitWork (was 54401e0).

-> List of branches available in repository
$ git branch
* master

-> observe the log (or) changes that we have committed
$ git log --oneline --graph --decorate
* 79c6780 (HEAD -> master) commit message
* 87c7b3e commit message
* dd59aa4 commit message
* 3a613d4 commit message
* bd5c6d2 commit message
* 25166e9 commit message
*   091c093 ready to merge
| \
|  * 54401e0 files added
* | 4c924fe commit message
* | 81dfad9 added some extra content
* | 974a886 changed some content
| /
* 79ceca3 hello.html is added

```

- > adding origin of the rome repository to local repository
\$ git remote add origin https://gitlab.com/shaikabidali03/stage.git
- > pushing the local repository to remote repository
\$ git push -u origin master