USER CONFIGURATIONS

```
Command Prompt

Microsoft Windows [Version 10.0.18363.1379]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\hp>git --version
git version 2.30.0.windows.2

C:\Users\hp>git config --global user.name "keerthins"

C:\Users\hp>git config --global user.email "keerthins95@gmail.com"

C:\Users\hp>git config --global -e

C:\Users\hp>
```

DIFFERENCE

```
C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.18363.1379]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git init
Initialized empty Git repository in C:/Users/hp/Desktop/UST/devops eg/Assignment/practise1/.git/

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>code sample.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git add sample.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git commit -m "My first file"
[master (root-commit) f3d0219] My first file
 1 file changed, 1 insertion(+)
 create mode 100644 sample.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git status
On branch master
nothing to commit, working tree clean

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git log
commit f3d0219923d3fde030f939b9c08d1851e4d6af62 (HEAD -> master)
Author: keerthins <keerthins95@gmail.com>
Date:   Sun Mar 7 12:05:58 2021 +0530

    My first file

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git status
On branch master
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:   sample.txt

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

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git commit -m "modified"
On branch master
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:   sample.txt

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

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git add sample.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git commit -m "modified"
[master 3dca07c] modified
 1 file changed, 1 insertion(+), 1 deletion(-)
```

```
C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git log
commit 3dca07cf4ee04d7a2132eecfd8f733e87e2f24f7 (HEAD -> master)
Author: keerthins <keerthins95@gmail.com>
Date:   Sun Mar 7 12:08:16 2021 +0530

        modified

commit f3d0219923d3fde030f939b9c08d1851e4d6af62
Author: keerthins <keerthins95@gmail.com>
Date:   Sun Mar 7 12:05:58 2021 +0530

        My first file

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git diff 3dca07cf f3d02199
diff --git a/sample.txt b/sample.txt
index 45f2c1f..08e7dca 100644
--- a/sample.txt
+++ b/sample.txt
@@ -1 +1 @@
-"Hello, Good morning all........How are you?"
\ No newline at end of file
+"Hello, Good morning all"
\ No newline at end of file

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git checkout f3d02199
Note: switching to 'f3d02199'.

You are in 'detached HEAD' state. You can look around, make experimental
changes and commit them, and you can discard any commits you make in this
state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may
do so (now or later) by using -c with the switch command. Example:

  git switch -c <new-branch-name>

Or undo this operation with:

  git switch -

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at f3d0219 My first file

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git status
HEAD detached at f3d0219
nothing to commit, working tree clean

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>
```

STAGED

```
C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git status
HEAD detached at f3d0219
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        staged.txt

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

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git add staged.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git status
HEAD detached at f3d0219
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   staged.txt


C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git restore --staged staged.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git status
HEAD detached at f3d0219
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        staged.txt

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

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git add staged.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git status
HEAD detached at f3d0219
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   staged.txt


C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>git status
HEAD detached at f3d0219
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   staged.txt


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:   staged.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\practise1>
```

BRANCHES

```
Microsoft Windows [Version 10.0.18363.1379]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git init
Initialized empty Git repository in C:/Users/hp/Desktop/UST/devops eg/Assignment/branch/.git/

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>code file.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git add file.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git commit -m "first file"
[master (root-commit) 6c00e5e] first file
 1 file changed, 1 insertion(+)
 create mode 100644 file.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>code file2.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git add file2.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git commit -m "second file"
[master d021d3e] second file
 1 file changed, 1 insertion(+)
 create mode 100644 file2.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git status
On branch master
nothing to commit, working tree clean

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git status
On branch master
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\hp\Desktop\UST\devops eg\Assignment\branch>git commit -a -m "modified second file"
[master 5e26b41] modified second file
 1 file changed, 1 insertion(+), 1 deletion(-)

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git status
On branch master
nothing to commit, working tree clean

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git checkout -b newbranch
Switched to a new branch 'newbranch'

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>code new.txt
```

```
C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>code new.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git add new.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git commit -m "first branch file"
[newbranch 7880e85] first branch file
 1 file changed, 1 insertion(+)
 create mode 100644 new.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>code new2.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git add new2.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git commit -m "second branch file"
[newbranch 0ade49c] second branch file
 1 file changed, 1 insertion(+)
 create mode 100644 new2.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git checkout master
Switched to branch 'master'

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git branch
* master
  newbranch

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git checkout -b branch1
Switched to a new branch 'branch1'

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git checkout master
Switched to branch 'master'

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git branch -m branch1 renamed_branch1

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git branch
* master
  newbranch
  renamed_branch1

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git branch -d renamed_branch1
Deleted branch renamed_branch1 (was 5e26b41).

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git branch
* master
  newbranch

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git branch -D newbranch
Deleted branch newbranch (was 0ade49c).

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git branch
* master
```

MERGING


```
C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git checkout -b branch1
Switched to a new branch 'branch1'

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>code new.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git add new.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git commit -m "new branch file"
[branch1 29b9123] new branch file
 1 file changed, 1 insertion(+)
 create mode 100644 new.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git status
On branch branch1
nothing to commit, working tree clean

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git checkout master
Switched to branch 'master'

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git branch
  branch1
* master

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git merge branch1
Updating 5e26b41..29b9123
Fast-forward
 new.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 new.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git status
On branch master
nothing to commit, working tree clean

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git checkout -b branch2
Switched to a new branch 'branch2'

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>code new2.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git add new2.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git commit -m "new branch2 file"
[branch2 917855b] new branch2 file
 1 file changed, 1 insertion(+)
 create mode 100644 new2.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\branch>git merge branch2
Already up to date.
```

REBASE


```
C:\Users\hp\Desktop\UST\devops eg\Assignment\rebase>git commit -m "new file"
[master (root-commit) 27f5246] new file
 1 file changed, 1 insertion(+)
 create mode 100644 text.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\rebase>git checkout -b branch1
Switched to a new branch 'branch1'

C:\Users\hp\Desktop\UST\devops eg\Assignment\rebase>code file.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\rebase>git add file.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\rebase>git commit -m "branch file"
[branch1 764ced1] branch file
 1 file changed, 1 insertion(+)
 create mode 100644 file.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\rebase>git status
On branch branch1
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:   file.txt

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

C:\Users\hp\Desktop\UST\devops eg\Assignment\rebase>git commit -a -m "branch file edited"
[branch1 2e135a8] branch file edited
 1 file changed, 2 insertions(+), 1 deletion(-)

C:\Users\hp\Desktop\UST\devops eg\Assignment\rebase>git commit -a -m "branch file edited again"
[branch1 c59746b] branch file edited again
 1 file changed, 2 insertions(+), 1 deletion(-)

C:\Users\hp\Desktop\UST\devops eg\Assignment\rebase>git commit -a -m "branch file done"
[branch1 7b83e37] branch file done
 1 file changed, 2 insertions(+), 1 deletion(-)

C:\Users\hp\Desktop\UST\devops eg\Assignment\rebase>git log --oneline
7b83e37 (HEAD -> branch1) branch file done
c59746b branch file edited again
2e135a8 branch file edited
764ced1 branch file
27f5246 (master) new file

C:\Users\hp\Desktop\UST\devops eg\Assignment\rebase>git merge-base branch1 master
27f524698352edf2db6a032a16c8dc106c4106de

C:\Users\hp\Desktop\UST\devops eg\Assignment\rebase>git rebase -i 27f5246
Successfully rebased and updated refs/heads/branch1.
```

CHERRYPICK


```
C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.18363.1379]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git init
Initialized empty Git repository in C:/Users/hp/Desktop/UST/devops eg/Assignment/cherrypick/.git/

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>code sample1.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git add sample1.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git commit -m "first file in master"
[master (root-commit) b91d22f] first file in master
 1 file changed, 1 insertion(+)
 create mode 100644 sample1.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git checkout -b branch1
Switched to a new branch 'branch1'

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>code page1.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git add page1.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git commit -m "first file in branch1"
[branch1 91779f6] first file in branch1
 1 file changed, 1 insertion(+)
 create mode 100644 page1.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>code page2.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git add page2.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git commit -m "second file in branch1"
[branch1 2951037] second file in branch1
 1 file changed, 1 insertion(+)
 create mode 100644 page2.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git log --oneline
2951037 (HEAD -> branch1) second file in branch1
91779f6 first file in branch1
b91d22f (master) first file in master

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git branch
* branch1
  master

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git checkout master
Switched to branch 'master'

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git checkout -b branch2
Switched to a new branch 'branch2'
```



```
C:\Windows\System32\cmd.exe

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git checkout -b branch2
Switched to a new branch 'branch2'

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>code page3.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git add page3.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git commit -m "first file in branch2"
[branch2 bfb8c11] first file in branch2
 1 file changed, 1 insertion(+)
 create mode 100644 page3.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>code page4.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git add page4.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git commit -m "second file in branch2"
[branch2 42bc1d2] second file in branch2
 1 file changed, 1 insertion(+)
 create mode 100644 page4.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git checkout master
Switched to branch 'master'

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git branch
  branch1
  branch2
* master

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git log --oneline
b91d22f (HEAD -> master) first file in master

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git checkout branch1
Switched to branch 'branch1'

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git log --oneline
2951037 (HEAD -> branch1) second file in branch1
91779f6 first file in branch1
b91d22f (master) first file in master

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git checkout branch2
Switched to branch 'branch2'

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git log --oneline
42bc1d2 (HEAD -> branch2) second file in branch2
bfb8c11 first file in branch2
b91d22f (master) first file in master

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git checkout master
Switched to branch 'master'
```

```
C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git checkout master
Switched to branch 'master'

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git cherry-pick 91779f6
[master b6668ac] first file in branch1
 Date: Sun Mar 7 15:20:49 2021 +0530
 1 file changed, 1 insertion(+)
 create mode 100644 page1.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>
C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git log --oneline
b6668ac (HEAD -> master) first file in branch1
b91d22f first file in master

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git cherry-pick bfb8c11
[master 6d70042] first file in branch2
 Date: Sun Mar 7 15:23:19 2021 +0530
 1 file changed, 1 insertion(+)
 create mode 100644 page3.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git log --oneline
6d70042 (HEAD -> master) first file in branch2
b6668ac first file in branch1
b91d22f first file in master

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git checkout branch1
Switched to branch 'branch1'

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git cherrypick 42bc1d2
git: 'cherrypick' is not a git command. See 'git --help'.

The most similar command is
        cherry-pick

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git cherry-pick 42bc1d2
[branch1 d93548f] second file in branch2
 Date: Sun Mar 7 15:24:06 2021 +0530
 1 file changed, 1 insertion(+)
 create mode 100644 page4.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>git log --oneline
d93548f (HEAD -> branch1) second file in branch2
2951037 second file in branch1
91779f6 first file in branch1
b91d22f first file in master

C:\Users\hp\Desktop\UST\devops eg\Assignment\cherrypick>
```

FETCH AND PULL


```
C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>git add name.txt

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>git commit -m "name file"
[master 7805df5] name file
 1 file changed, 4 insertions(+)
 create mode 100644 name.txt

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>git push -u origin master
Enumerating objects: 14, done.
Counting objects: 100% (14/14), done.
Delta compression using up to 4 threads
Compressing objects: 100% (11/11), done.
Writing objects: 100% (12/12), 1.12 KiB | 88.00 KiB/s, done.
Total 12 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/keerthi-ns/gitdemo.git
   be92583..7805df5  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>git fetch
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 715 bytes | 3.00 KiB/s, done.
From https://github.com/keerthi-ns/gitdemo
   7805df5..dbba252  master     -> origin/master

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>git pull
Updating 7805df5..dbba252
Fast-forward
 name.txt | 3 ++-
 1 file changed, 2 insertions(+), 1 deletion(-)

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 780 bytes | 2.00 KiB/s, done.
From https://github.com/keerthi-ns/gitdemo
   dbba252..4c7ea13  master     -> origin/master
Updating dbba252..4c7ea13
Fast-forward
 name.txt | 8 ++++++++
 1 file changed, 8 insertions(+)

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>git checkout -b branch2
Switched to a new branch 'branch2'
```

```
    dbba252..4c7ea13  master      -> origin/master
Updating dbba252..4c7ea13
Fast-forward
 name.txt | 8 ++++++++
 1 file changed, 8 insertions(+)

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>git checkout -b branch2  ✓
Switched to a new branch 'branch2'

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>code add.txt

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>git add add.txt

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>git commit -m "new file"
[branch2 fa07c5f] new file
 1 file changed, 1 insertion(+)
 create mode 100644 add.txt

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>git push -u origin branch2  ✓
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 332 bytes | 83.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'branch2' on GitHub by visiting:
remote:      https://github.com/keerthi-ns/gitdemo/pull/new/branch2
remote:
To https://github.com/keerthi-ns/gitdemo.git
 * [new branch]      branch2 -> branch2
Branch 'branch2' set up to track remote branch 'branch2' from 'origin'.

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>git status
On branch branch2
Your branch is up to date with 'origin/branch2'.

nothing to commit, working tree clean

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>
```

```
Microsoft Windows [Version 10.0.18363.1379]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>git remote -v  ✓
origin  https://github.com/keerthi-ns/gitdemo.git (fetch)
origin  https://github.com/keerthi-ns/gitdemo.git (push)

C:\Users\hp\Desktop\UST\devops eg\New folder\New folder>
```

STASH


```
C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.18363.1379]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git init
Initialized empty Git repository in C:/Users/hp/Desktop/UST/devops eg/Assignment/stash/.git/

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>code file.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git stash save "1"
You do not have the initial commit yet

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git add file.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git commit -m "new file"
[master (root-commit) 1d2f7b6] new file
 1 file changed, 4 insertions(+)
 create mode 100644 file.txt

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git stash save "1"
Saved working directory and index state On master: 1

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git stash save "2"
Saved working directory and index state On master: 2

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git stash save "3"
Saved working directory and index state On master: 3

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git stash list
stash@{0}: On master: 3
stash@{1}: On master: 2
stash@{2}: On master: 1

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git splash apply stash@{1}
git: 'splash' is not a git command. See 'git --help'.

The most similar command is
        stash

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git stash apply stash@{1}
On branch master
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:   file.txt

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

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git reset --hard
HEAD is now at 1d2f7b6 new file
```



```
C:\Windows\System32\cmd.exe

  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   file.txt

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

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git reset --hard
HEAD is now at 1d2f7b6 new file

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git stash apply stash@{2}
On branch master
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:   file.txt

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

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git stash list
stash@{0}: On master: 3
stash@{1}: On master: 2
stash@{2}: On master: 1

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git stash drop
Dropped refs/stash@{0} (35b7dbc21feee613ba8da06ce516fe4af3c6ae55)

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git stash list
stash@{0}: On master: 2
stash@{1}: On master: 1

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git stash clear

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>git stash list

C:\Users\hp\Desktop\UST\devops eg\Assignment\stash>
```