

USAGE OF FEW GIT COMMANDS:

MINGW64:/d/javatraining/28-12-2021/New folder

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venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ touch name.txt

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ touch email.txt

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ touch phonenumber.txt

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git add .

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   email.txt
        new file:   name.txt
        new file:   phonenumber.txt

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git commit -m "all files are committed"
[master 14f99d6] all files are committed
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 email.txt
create mode 100644 name.txt
create mode 100644 phonenumber.txt

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git status
On branch master
nothing to commit, working tree clean
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venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git log
commit 14f99d6223e2d6aa4c6b2a9fc67a1487ccae73b7 (HEAD -> master)
Author: NaiduMidatana <meswar92@gmail.com>
Date: Tue Dec 28 17:33:18 2021 +0530

    all files are committed

commit 07eb83d5bf2cdca70ce4fb5fd6c5ab19114676cd
Author: NaiduMidatana <meswar92@gmail.com>
Date: Tue Dec 28 17:30:30 2021 +0530

    deleted


commit de1d7e98ba3c7fd4e7859a81aff8e613d27e5058 (origin/master)
Author: NaiduMidatana <meswar92@gmail.com>
Date: Tue Dec 28 16:32:08 2021 +0530

    pratice scenarios committed

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git log --online
fatal: unrecognized argument: --online

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git log --oneline
14f99d6 (HEAD -> master) all files are committed
07eb83d deleted
de1d7e9 (origin/master) pratice scenarios committed

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 MINGW64:/d/javatraining/28-12-2021/New folder

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venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git remote add origin https://github.com/NaiduMidatana/test-28-12-2021.git
error: remote origin already exists.

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git remote -v
origin https://github.com/NaiduMidatana/test-28-12-2021.git (fetch)
origin https://github.com/NaiduMidatana/test-28-12-2021.git (push)

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git push origin master
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 4 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (8/8), 52.83 KiB | 2.52 MiB/s, done.
Total 8 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote: https://github.com/NaiduMidatana/test-28-12-2021/pull/new/master
remote:
To https://github.com/NaiduMidatana/test-28-12-2021.git
 * [new branch]      master -> master

```

MINGW64:/d/javatraining/28-12-2021/New folder

```
venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ 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:   email.txt
        modified:   name.txt
        modified:   phonenumber.txt


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

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git add .

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git commit -m "modified changes committed"
[master 59d125c] modified changes committed
 3 files changed, 3 insertions(+)

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git push origin master
Enumerating objects: 9, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (5/5), 408 bytes | 136.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/NaiduMidatana/test-28-12-2021.git
 14f99d6..59d125c  master -> master

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ |
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 MINGW64:/d/javatraining/28-12-2021/New folder

```
venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git branch
* master

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git branch studentbranch

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git branch
* master
  studentbranch

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git branch teacherbranch

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git branch
* master
  studentbranch
  teacherbranch

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git checkout studentbranch
Switched to branch 'studentbranch'

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (studentbranch)
$ git branch
  master
* studentbranch
  teacherbranch

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (studentbranch)
$ touch studentdetails.txt

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (studentbranch)
$ git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'
hint: Turn this message off by running
hint: "git config advice.addEmptyPathsSpec false"

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (studentbranch)
$ git add .

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (studentbranch)
$ git commit -m "student details committed"
[studentbranch f751c9d] student details committed
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 studentdetails.txt
```

```

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git commit --amend -m "modified commit"
[master f6c00a5] modified commit
Date: Tue Dec 28 17:48:12 2021 +0530
2 files changed, 3 insertions(+), 1 deletion(-)
create mode 100644 studentdetails.txt

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git push origin master
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 396 bytes | 198.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/NaiduMidatana/test-28-12-2021.git
59d125c..f6c00a5 master -> master

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ |

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venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git log --oneline
f6c00a5 (HEAD -> master, origin/master) modified commit
59d125c (teacherbranch) modified changes committed
14f99d6 all files are committed
07eb83d deleted
de1d7e9 pratice scenarios committed

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git reset 14f99d6
Unstaged changes after reset:
M   email.txt
M   name.txt
M   phonenumber.txt

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ 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:   email.txt
    modified:   name.txt
    modified:   phonenumber.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    studentdetails.txt

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

```

```

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git reset HEAD --hard
HEAD is now at 14f99d6 all files are committed

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git log --oneline
14f99d6 (HEAD -> master) all files are committed
07eb83d deleted
de1d7e9 pratice scenarios committed

```

```
venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git diff
diff --git a/email.txt b/email.txt
index e69de29..2c7e8cb 100644
--- a/email.txt
+++ b/email.txt
@@ -0,0 +1 @@
+email : meswar92@gmail.com
diff --git a/name.txt b/name.txt
index e69de29..24c68b8 100644
--- a/name.txt
+++ b/name.txt
@@ -0,0 +1 @@
+name : m v naidu
\ No newline at end of file
diff --git a/phonenumner.txt b/phonenumner.txt
index e69de29..03af7a6 100644
--- a/phonenumner.txt
+++ b/phonenumner.txt
@@ -0,0 +1 @@
+ phone number : 9573919344
\ No newline at end of file

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ git diff > filename.patch

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ 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:   email.txt
    modified:   name.txt
    modified:   phonenumner.txt


Untracked files:
  (use "git add <file>..." to include in what will be committed)
    filename.patch

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

```

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/New folder (master)
$ cat filename.patch
diff --git a/email.txt b/email.txt
index e69de29..2c7e8cb 100644
--- a/email.txt
+++ b/email.txt
@@ -0,0 +1 @@
+email : meswar92@gmail.com
diff --git a/name.txt b/name.txt
index e69de29..24c68b8 100644
--- a/name.txt
+++ b/name.txt
@@ -0,0 +1 @@
+name : m v naidu
\ No newline at end of file
diff --git a/phonenum.txt b/phonenum.txt
index e69de29..03af7a6 100644
--- a/phonenum.txt
+++ b/phonenum.txt
@@ -0,0 +1 @@
+ phone number : 9573919344
\ No newline at end of file

```

 MINGW64:/d/javatraining/28-12-2021/cherrypick

```

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/cherrypick (master)
$ git branch
  emailbranch
* master
  phonenumbranch

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/cherrypick (master)
$ git checkout emailbranch
Switched to branch 'emailbranch'

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/cherrypick (emailbranch)
$ git add phonenum.txt

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/cherrypick (emailbranch)
$ git commit -m "phonenum committed in email branch"
[emailbranch 4eb983d] phonenum committed in email branch
1 file changed, 5 insertions(+)
create mode 100644 phonenum.txt

```

```
venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/cherrypick (emailbranch)
$ git log --oneline
4eb983d (HEAD -> emailbranch) phonenumber committed in email branch
1f29d93 (phonenumberbranch, master) first commit

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/cherrypick (emailbranch)
$ git checkout master
Switched to branch 'master'

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/cherrypick (master)
$ git cherry-pick 4eb983d
[master 3c18aa0] phonenumber committed in email branch
Date: Tue Dec 28 20:56:03 2021 +0530
1 file changed, 5 insertions(+)
create mode 100644 phonenumber.txt

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/cherrypick (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        email.txt
        studentdetails.txt

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

venkayyam@MTLP-257 MINGW64 /d/javatraining/28-12-2021/cherrypick (master)
$ git rebase emailbranch
warning: skipped previously applied commit 3c18aa0
hint: use --reapply-cherry-picks to include skipped commits
hint: Disable this message with "git config advice.skippedCherryPicks false"
Successfully rebased and updated refs/heads/master.
```