

## Installing Git + Initial Setup? | Git Tutorials #2



```
usage: git [--version] [--help] [-c <path>] [-c <name>=<value>]
           [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
           [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]
           [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
           <command> [<args>]
```

These are common Git commands used in various situations:

start a working area (see also: git help tutorial)

```
clone    Clone a repository into a new directory
init     Create an empty Git repository or reinitialize an existing one
```

work on the current change (see also: git help everyday)

```
add      Add file contents to the index
mv I     Move or rename a file, a directory, or a symlink
restore   Restore working tree files
rm       Remove files from the working tree and from the index
```

examine the history and state (see also: git help revisions)

```
bisect   Use binary search to find the commit that introduced a bug
diff     Show changes between commits, commit and working tree, etc
grep     Print lines matching a pattern
log      Show commit logs
show     Show various types of objects
status   Show the working tree status
```

grow, mark and tweak your common history

```
branch   List, create, or delete branches
commit   Record changes to the repository
```

Subscribe

## Installing Git + Initial Setup? | Git Tutorials #2



work on the current change (see also: git help everyday)

add Add file contents to the index  
**mv** Move or rename a file, a directory, or a symlink  
restore Restore working tree files  
rm Remove files from the working tree and from the index

examine the history and state (see also: git help revisions)

bisect Use binary search to find the commit that introduced a bug  
diff Show changes between commits, commit and working tree, etc  
grep Print lines matching a pattern  
log Show commit logs  
show Show various types of objects  
status Show the working tree status

grow, mark and tweak your common history

branch List, create, or delete branches  
commit Record changes to the repository  
merge Join two or more development histories together  
rebase Reapply commits on top of another base tip  
reset Reset current HEAD to the specified state  
switch Switch branches  
tag Create, list, delete or verify a tag object signed with GPG

collaborate (see also: git help workflows)

fetch Download objects and refs from another repository  
pull Fetch from and integrate with another repository or a local branch  
push Update remote refs along with associated objects

'git help -a' and 'git help -g' list available subcommands and some



```
MINGW64/c
Installing Git + Initial Setup | Git Tutorials #2
reset      Reset current HEAD to the specified state
switch     Switch branches
tag        Create, list, delete or verify a tag object signed with GPG

collaborate (see also: git help workflows)
fetch      Download objects and refs from another repository
pull       Fetch from and integrate with another repository or a local branch
push       Update remote refs along with associated objects

'git help -a' and 'git help -g' list available subcommands and some
concept guides. See 'git help <command>' or 'git help <concept>'
to read about a specific subcommand or concept.
See 'git help git' for an overview of the system.

Haris@DESKTOP-RN53EBB MINGW64 ~
$ pwd
/c/Users/Haris

Haris@DESKTOP-RN53EBB MINGW64 ~
$ cd Desktop

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop
$ cd /c

Haris@DESKTOP-RN53EBB MINGW64 /c
$ git status
fatal: not a git repository (or any of the parent directories): .git

Haris@DESKTOP-RN53EBB MINGW64 /c
$ |
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/  
$ git config --global user.name "Harry"
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/  
Git tutorials  
$ git config --global user.email "harry@codewithharry.com"
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/  
Git tutorials  
$ git config --list
```

```
MINGW64/c/Users/Hans/Desktop/code playground/Tuts/Git tutorials
core.symlinks=false
core.autocrlf=true
core.fscache=true
color.diff=auto
color.status=auto
color.branch=auto
color.interactive=true
help.format=html
rebase.autosquash=true
http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
http.sslbackend=openssl
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge --skip -- %f
filter.lfs.process=git-lfs filter-process --skip
filter.lfs.required=true
credential.helper=manager
user.name=Harry
user.email=harry@codewithharry.com
....skipping...
core.symlinks=false
core.autocrlf=true
core.fscache=true
color.diff=auto
color.status=auto
color.branch=auto
color.interactive=true
help.format=html
rebase.autosquash=true
http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
http.sslbackend=openssl
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge --skip -- %f
filter.lfs.process=git-lfs filter-process --skip
filter.lfs.required=true
credential.helper=manager
user.name=Harry
user.email=harry@codewithharry.com
~

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials
$ git config --global core.editor emacs

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials
$ git config --global core.editor vim

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials
$ |
```

MINGW64/c/Users/Hans/Desktop/code.playground/Tuts/Git tutorials

# Installing Git + Initial Setup? | Git Tutorials #2

```
core.autocrlf=true
core.fscache=true
color.diff=auto
color.status=auto
color.branch=auto
color.interactive=true
help.format=html
rebase.autosquash=true
http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
http.sslbackend=openssl
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge --skip -- %f
filter.lfs.process=git-lfs filter-process --skip
filter.lfs.required=true
credential.helper=manager
user.name=Harry
user.email=harry@codewithharry.com
....skipping...
core.symlinks=false
core.autocrlf=true
core.fscache=true
color.diff=auto
color.status=auto
color.branch=auto
color.interactive=true
help.format=html
rebase.autosquash=true
http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
http.sslbackend=openssl
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge --skip -- %f
filter.lfs.process=git-lfs filter-process --skip
filter.lfs.required=true
credential.helper=manager
user.name=Harry
user.email=harry@codewithharry.com
~
```

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials

```
$ git config --global core.editor emacs
```

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials

```
$ git config --global core.editor vim
```

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials

```
$ git config user.name
Harry
```

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials

```
$ git config user.email
harry@codewithharry.com
```

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials

```
$ |
```

Type to search 15:20 / 17:32

Subscribe

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
$ git status
fatal: not a git repository (or any
of the parent directories): .git

Haris@DESKTOP-RN53EBB MINGW64 ~/Des
ktop/code playground/Tuts/Git tutor
ials
$ git status
fatal: not a git repository (or any of the parent directories): .git

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials
$ git init
Initialized empty Git repository in C:/Users/Haris/Desktop/code playground/Tuts/Git tutorials/.git/
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    db.accdb
    first.txt
    myexcel.xlsx

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)

```
$ git add -a  
error: unknown switch `a'  
usage: git add [<options>] [--] <pathspec>...
```

-n, --dry-run	dry run
-v, --verbose	be verbose
-i, --interactive	interactive picking
-p, --patch[=<patch-mode>]	select hunks interactively
-e, --edit	edit current diff and apply
-f, --force	allow adding otherwise ignored files
-u, --update	update tracked files
--renormalize	renormalize EOL of tracked files (implies -u)
-N, --intent-to-add	record only the fact that the path will be added later
-A, --all	add changes from all tracked and untracked files
--ignore-removeal	ignore paths removed in the working tree (same as --no-all)
--refresh	don't add, only refresh the index
--ignore-errors	just skip files which cannot be added because of errors
--ignore-missing	check if - even missing - files are ignored in dry run
--chmod (+ -)x	override the executable bit of the listed files

I  
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
\$ git add --a

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
\$ |

--ignore-missing check if - even missing - files are ignored in dry run  
--chmod (+|-)x override the executable bit of the listed files

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
\$ git add --a

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
\$ git status  
on branch master

No commits yet

Changes to be committed:  
(use "git rm --cached <file>..." to unstage)  
  new file: db.accdb  
  new file: first.txt  
  new file: myexcel.xlsx

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
\$ git commit -m "Initial Commit"  
[master (root-commit) 43699a1] Initial commit  
3 files changed, 1 insertion(+)  
create mode 100644 db.accdb  
create mode 100644 first.txt  
create mode 100644 myexcel.xlsx

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
\$

```
$ git log  
commit 43699a1faf937e34aa741f83c42d11c361d7c271 (HEAD -> master)  
Author: Harry <harry@codewithharry.com>  
Date:   Wed Oct 23 15:44:02 2019 +0530
```

Initial Commit

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   first.txt  
  
no changes added to commit (use "git add" and/or "git commit -a")
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   first.txt  
    modified:   myexcel.xlsx  
  
no changes added to commit (use "git add" and/or "git commit -a")
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
$ git status|
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   first.txt
    modified:   myexcel.xlsx

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

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git add first.txt
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   first.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:   myexcel.xlsx
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ |
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   first.txt
    modified:   myexcel.xlsx

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

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git add first.txt
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   first.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:   myexcel.xlsx
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   first.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:   myexcel.xlsx

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git commit -m "Changed first.txt and added better design"
[master f191178] Changed first.txt and added better design
 1 file changed, 2 insertions(+), 1 deletion(-)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   myexcel.xlsx

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

1 file changed, 0 insertions(+), 0 deletions(-)  
rewrite myexcel.xlsx (95%)

Press Esc to exit full screen

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)

```
$ git status  
on branch master  
nothing to commit, working tree clean
```

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)

```
$ git log  
commit e5fd6c6a8413c602fd49f60e51c28c8a068347d1 (HEAD -> master)  
Author: Harry <harry@codewithharry.com>  
Date:   Wed Oct 23 15:48:27 2019 +0530
```

This is modified myexcel

```
commit f1911789e13e9f057aba1054d9af8117a8f98bdf  
Author: Harry <harry@codewithharry.com>  
Date:   Wed Oct 23 15:46:48 2019 +0530
```

Changed first.txt and added better design

```
commit 43699a1faf937e34aa741f83c42d11c361d7c271  
Author: Harry <harry@codewithharry.com>  
Date:   Wed Oct 23 15:44:02 2019 +0530
```

Initial Commit

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)

\$ |

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
Initial Commit

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ rm -rf .git

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials
$ git status
fatal: not a git repository (or any of the parent directories): .git

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials
$ git clone https://github.com/tensorflow/tensorflow.git
Cloning into 'tensorflow'...
remote: Enumerating objects: 35, done.
remote: Counting objects: 100% (35/35), done.
remote: Compressing objects: 100% (29/29), done.
remote: Total 744574 (delta 11), reused 24 (delta 6), pack-reused 744539
Receiving objects: 100% (744574/744574), 417.10 MiB | 7.87 MiB/s, done.
Resolving deltas: 100% (601575/601575), done.
Updating files: 100% (18877/18877), done.

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials
$ git status
fatal: not a git repository (or any of the parent directories): .git

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials
$ pwd
/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
$
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials/tensorflow
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials
$ git status
fatal: not a git repository (or any of the parent directories): .git

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials
$ pwd
/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials
$ ls
db.accdb  first.txt  myexcel.xlsx  tensorflow/

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials
$ cd tensorflow/

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/tensorflow (master)
$ pwd
/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials/tensorflow

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/tensorflow (master)
$ ls
ACKNOWLEDGMENTS      BUILD           configure.cmd    ISSUES.md      RELEASE.md      tools/
ADOPTERS.md          CODE_OF_CONDUCT.md  configure.py     LICENSE        SECURITY.md    WORKSPACE
arm_compiler.BUILD   CODEOWNERS       CONTRIBUTING.md  models.BUILD  tensorflow/   third_party/
AUTHORS              configure*        ISSUE_TEMPLATE.md README.md
I

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/tensorflow (master)
$ git status
|
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/tensorflow (master)
$ git add -a
error: unknown switch `a'
usage: git add [<options>] [--] <pathspec>...
-n, --dry-run          dry run
-v, --verbose          be verbose

-i, --interactive      interactive picking
-p, --patch[=<patch-mode>]
                      select hunks interactively
-e, --edit              edit current diff and apply
-f, --force             allow adding otherwise ignored files
-u, --update            update tracked files
--renormalize          renormalize EOL of tracked files (implies -u)
-N, --intent-to-add    record only the fact that the path will be added later
-A, --all               add changes from all tracked and untracked files
--ignore-removal       ignore paths removed in the working tree (same as --no-all)
--refresh              don't add, only refresh the index
--ignore-errors         just skip files which cannot be added because of errors
--ignore-missing        check if - even missing - files are ignored in dry run
--chmod (+|-)x          override the executable bit of the listed files
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/tensorflow (master)
$ git add --a
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/tensorflow (master)
$ |
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/tensorflow (master)
$ git add --a
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/tensorflow (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.
```

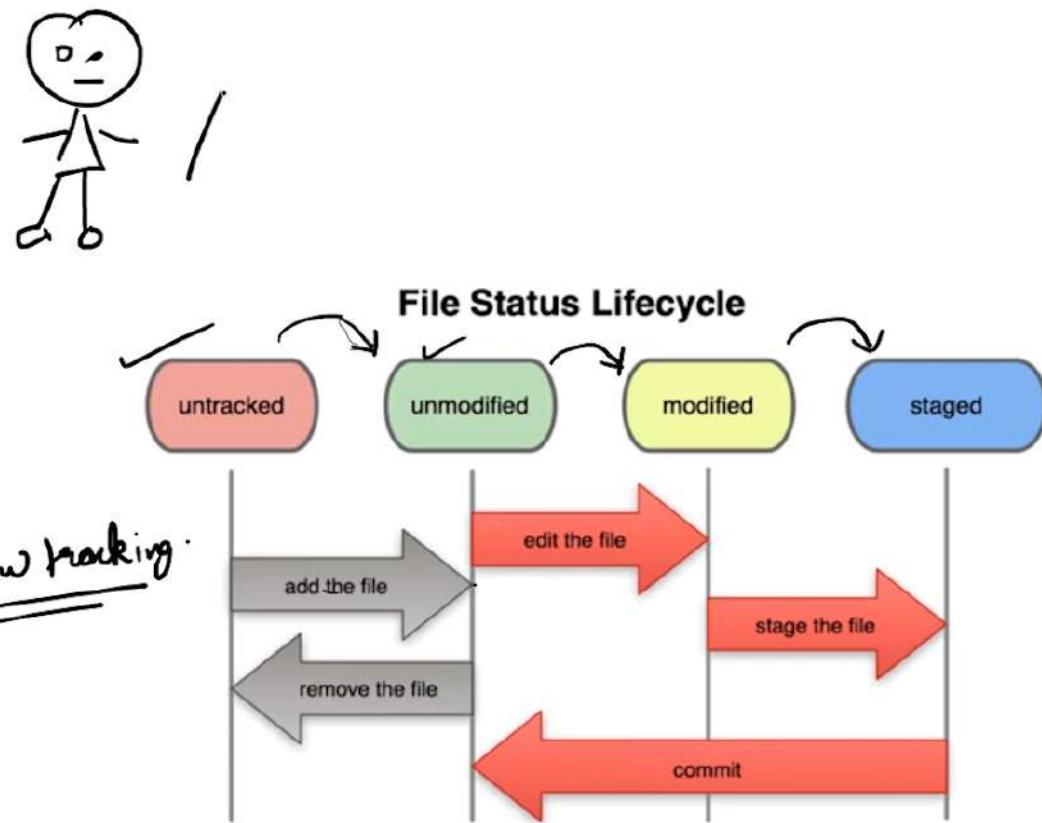
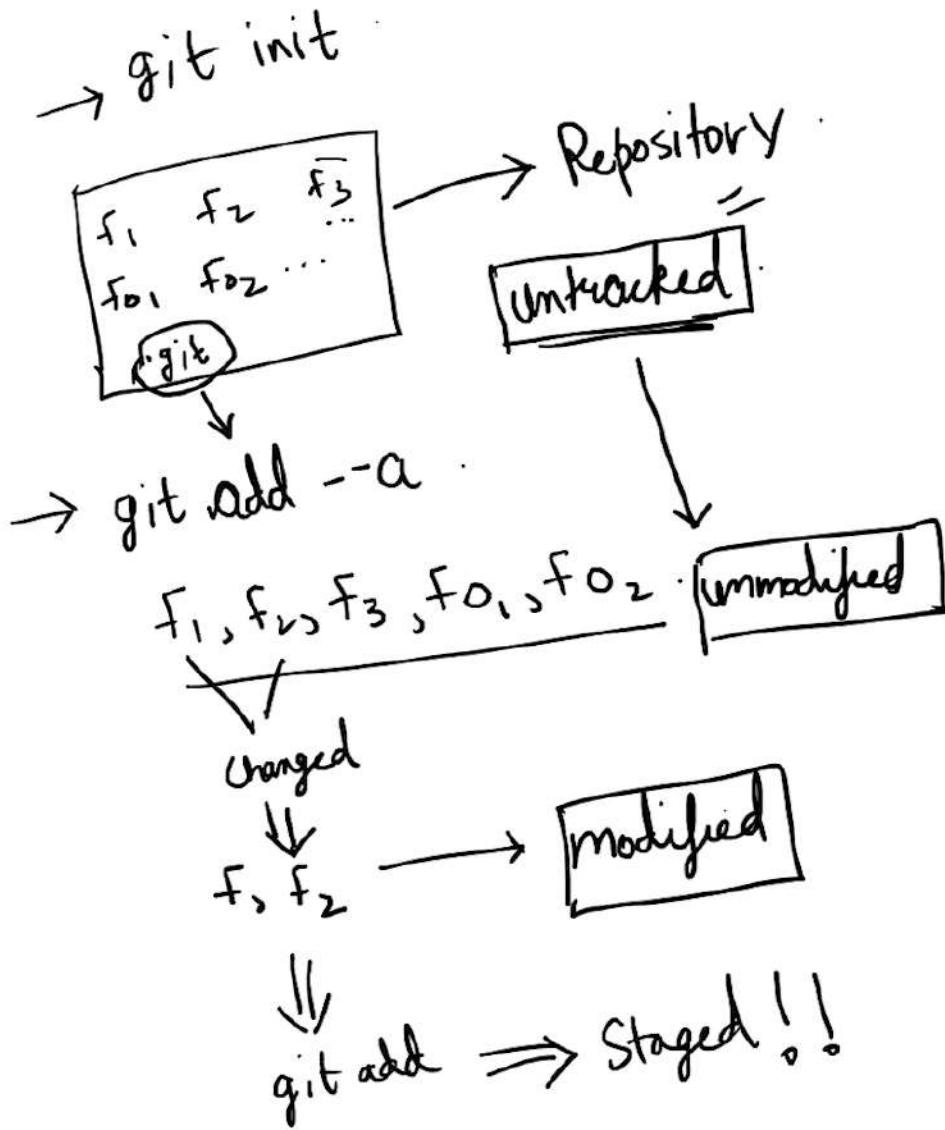
```
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
  modified:   README.md
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/tensorflow (master)
$ git commit -m "changed readme"
[master f1675d0737] changed readme
 1 file changed, 1 insertion(+), 1 deletion(-)
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/tensorflow (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)
```

```
nothing to commit, working tree clean
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/tensorflow (master)
$
```



```
$ touch error.log
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
on branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    error.log
```

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

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ touch .gitignore
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
on branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore
    error.log
```

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

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```



error.log

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
.gitignore
nothing added to commit but untracked files present (use "git add" to track)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git add --a

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git add .

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
on branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git commit -m "Added gitignore"
[master 57da00a] Added gitignore
 1 file changed, 1 insertion(+)
 create mode 100644 .gitignore

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

\*.log

Type here to search



Ln 1, Col 2 100% Windows (CRLF) UTF-8



```
$ git status
on branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    error - Copy (2).log
    error - Copy (3).log
    error - Copy (4).log
    error - Copy (5).log
    error - Copy (6).log
    error - Copy (7).log
    error - Copy.log
```

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

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   .gitignore
```

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

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
```

```
$
```

\*.log  
dir/

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   .gitignore

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

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   .gitignore

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

\*.log  
/dir/

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
on branch master
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
on branch master
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   .gitignore

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

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

\*.log  
dir/

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
on branch master
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   .gitignore

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

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
on branch master
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
on branch master
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
  modified:  .gitignore
  modified:  static/tex.txt
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
on branch master
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
  modified:  .gitignore
  modified:  static/tex.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:  static/tex.txt
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```



```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
on branch master
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
  modified: .gitignore
  modified: static/tex.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: static/tex.txt

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git diff
diff --git a/static/tex.txt b/static/tex.txt
index 9118d6c..553a5c4 100644
--- a/static/tex.txt
+++ b/static/tex.txt
@@ -1 +1 @@
-asdasd
\ No newline at end of file
+harry bhai
\ No newline at end of file

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
index 9118d6c..553a5c4 100644
--- a/static/tex.txt
+++ b/static/tex.txt
@@ -1 +1 @@
-asdasd
\ No newline at end of file
+harry bhai
\ No newline at end of file

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git add .

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
on branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   .gitignore
    modified:   static/tex.txt

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git diff

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git diff

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git diff --staged
diff --git a/.gitignore b/.gitignore
index a135832..bf00e86 100644
--- a/.gitignore
+++ b/.gitignore
@@ -1,2 +1,3 @@
 *.log
 -dir/
 \ No newline at end of file
+/dir/
+static/dir
\ No newline at end of file
diff --git a/static/tex.txt b/static/tex.txt
index e69de29..553a5c4 100644
--- a/static/tex.txt
+++ b/static/tex.txt
@@ -0,0 +1 @@
+harry bhai
\ No newline at end of file

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

Type here to search



```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials

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

    second.txt

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/
Git tutorials (master)
$ git commit -a -m "Direct commit"
[master b53f569] Direct commit
 1 file changed, 2 insertions(+), 1 deletion(-)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/
Git tutorials (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)

    second.txt

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/
Git tutorials (master)
$ |
```

on branch master  
nothing to commit, working tree clean

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
```

```
$ git status
```

on branch master

Changes not staged for commit:

(use "git add/rm <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

deleted: second.txt

Untracked files:

(use "git add <file>..." to include in what will be committed)

third.txt

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

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
```

```
$ git add .
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
```

```
$ git status
```

on branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

renamed: second.txt -> third.txt

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
```

```
$ git commit -m "
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git commit -m "rename second to third"
[master bd5edc8] rename second to third
 1 file changed, 0 insertions(+), 0 deletions(-)
 rename second.txt => third.txt (100%)
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    deleted:    third.txt

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

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git stauts
git: 'stauts' is not a git command. See 'git --help'.
```

The most similar command is  
status

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master
nothing to commit, working tree clean
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git rm third
```

```
$ git rm third.txt |  
rm 'third.txt'
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
$ git status  
On branch master  
Changes to be committed:  
(use "git restore --staged <file>..." to unstage)  
  deleted:    third.txt
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
$ git commit -m "removed bad file third.txt"  
[master 1b15ec9] removed bad file third.txt  
 1 file changed, 4 deletions(-)  
 delete mode 100644 third.txt
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
$ git mv first.txt first_renamed.txt
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
$ git status  
On branch master  
Changes to be committed:  
(use "git restore --staged <file>..." to unstage)  
  renamed:    first.txt -> first_renamed.txt
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
$
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   .gitignore

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git add .

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git commit -m "changed gitignore"
[master d30b04b] changed gitignore
 1 file changed, 2 insertions(+), 1 deletion(-)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   db.accdb

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ |
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
(use "git restore <file>..." to discard changes in working directory)
 modified: db.accdb

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git rm --cached db.accdb
rm 'db.accdb'

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
 deleted: db.accdb

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git commit -m "removed db.accdb"
[master 8ec055d] removed db.accdb
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 db.accdb

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git commit -m "for tutorial"
[master c239ddf] for tutorial
 2 files changed, 1 deletion(-)
 create mode 100644 db.accdb

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ rm -rf .git

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials
$ git status
fatal: not a git repository (or any of the parent directories): .git

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials
$ git clone https://github.com/pandas-dev/pandas.git mypanda
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials/mypanda
commit 08ab156eb0058682ca9fcbf8bceea251e5790883
Author: William Ayd <william.ayd@gmail.com>
Date:   Fri Oct 25 14:25:54 2019 -0700
```

```
    Update apt-get archives (#29230)
```

```
commit f58b07e038a933f14f608dc9ccf109038beb95c6
Author: jbrockmendel <jbrockmendel@gmail.com>
Date:   Fri Oct 25 10:49:33 2019 -0700
```

```
    CLN: simplify core.algorithms (#29199)
```

```
commit 4cce11321cdbc5199cce0e0f4cd8e8655d4e93c
Author: jbrockmendel <jbrockmendel@gmail.com>
Date:   Fri Oct 25 10:10:32 2019 -0700
```

```
    CLN: AttributeError in _wrap_applied_output (#29195)
```

```
commit d7de334359f1872b52abd34e5e42d2a77f97e55d
Author: Jasper J.F. van den Bosch <japsai@gmail.com>
Date:   Fri Oct 25 18:01:29 2019 +0100
```

```
    BUG: fixes formatted value error for missing sheet (#27676) (#27677)
```

```
commit 48e6edff5d725a8f92fdb572f727bf838829efb3
Author: gfyong <gfyong17+GitHub@gmail.com>
Date:   Fri Oct 25 09:54:34 2019 -0700
```

```
    TST: Add test for nested JSON normalization (#29225)
```

```
commit f03ed625a573d26f0f6ffc53e6fd8e29b10f95df
Author: proost <cjwalag87@gmail.com>
Date:   Sat Oct 26 01:34:51 2019 +0900
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/mypanda (master)
$
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/mypanda (master)
$
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/mypanda (master)
$ git log --pretty=format:"%h -- %an"
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/mypanda (master)
$ git log --pretty=format:"%h -- %an"
```

```
953757a3e -- Simon Hawkins
a38a00462 -- William Ayd
08ab156eb -- William Ayd
f58b07e03 -- jrockmendel
4cceaa1132 -- jrockmendel
d7de33435 -- Jasper J.F. van den Bosch
48e6edfff -- gfyoung
f03ed625a -- proost
8ef65b8b6 -- Marc Garcia
72206599f -- jrockmendel
82df98a04 -- Joris Van den Bossche
c983d52e3 -- Elle
343544dae -- Martin Winkel
574610516 -- gfyoung
d8fa58a9d -- Martin Winkel
4046336c8 -- Tom Augspurger
34de30821 -- Karthigeyan
e3698dc77 -- Martin Winkel
225cc9284 -- jrockmendel
de586c1d3 -- jrockmendel
bbadfa127 -- jrockmendel
b1eb97bdf -- rhstanton
da1401b7a -- William Ayd
bc020f638 -- gfyoung
0e60bc91f -- Tom Augspurger
ee59b7d68 -- Mohit Anand
0f9251469 -- gfyoung
af1585d69 -- Hugh Kelley
f41219179 -- Joris Van den Bossche
0df22b6de -- Martin Winkel
cce0b374f -- jrockmendel
814c51caf -- jrockmendel
30362ed82 -- jrockmendel
a8a692945 -- Jeroen Kant
7be4d86e9 -- gfyoung
bef9baeda -- Simon Hawkins
33c1b21ac -- jrockmendel
9c21bb96f -- gfyoung
eb74ef0ae -- Jan-Philip Gehrcke
2ca216101 -- Simon Hawkins
a8e510b01 -- Martin Winkel
59d1a69ba -- Puneeth K
4ed40201b -- Martin Winkel
c304fe503 -- Martin Winkel
0a2c418b1 -- Tom Augspurger
:]
```

```
diff --git a/pandas/io/msgpack/_packer.pyx b/pandas/io/msgpack/_packer.pyx
index 19307e233..aa71c5cc3 100644
--- a/pandas/io/msgpack/_packer.pyx
+++ b/pandas/io/msgpack/_packer.pyx
@@ -60,7 +60,6 @@ cdef class Packer:
    :param callable default:
        Convert user type to builtin type that Packer supports.
        See also simplejson's document.
-   :param str encoding:
        Convert unicode to bytes with this encoding. (default: 'utf-8')
    :param str unicode_errors:
diff --git a/pandas/io/msgpack/_unpacker.pyx b/pandas/io/msgpack/_unpacker.pyx
index d7ebb194e..cf9b2c7c0 100644
--- a/pandas/io/msgpack/_unpacker.pyx
+++ b/pandas/io/msgpack/_unpacker.pyx
@@ -200,11 +200,10 @@ cdef class Unpacker:
    :param callable object_hook:
        When specified, it should be callable.
        Unpacker calls it with a dict argument after unpacking msgpack map.
-       (See also simplejson)
    :param callable object_pairs_hook:
        When specified, it should be callable. Unpacker calls it with a list
-       of key-value pairs after unpacking msgpack map. (See also simplejson)
+       of key-value pairs after unpacking msgpack map.
```

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/mypanda (master)

\$

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/mypanda (master)

\$ git status

On branch master

Your branch is up to date with 'origin/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: AUTHORS.md

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/mypanda (master)

\$ git commit --amend

CLN: remove simplejson (#29169)

```
# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# Author:      Simon Hawkins <simonjayhawkins@gmail.com>
# Date:        Sat Oct 26 10:40:44 2019 +0100
#
# On branch master
# Your branch is up to date with 'origin/master'.
#
# Changes to be committed:
#       modified:   pandas/io/msgpack/__init__.py
#       modified:   pandas/io/msgpack/_packer.pyx
#       modified:   pandas/io/msgpack/_unpacker.pyx
#       modified:   pandas/util/_print_versions.py
#
# Changes not staged for commit:
#       modified:   AUTHORS.md
#
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
```

C:/Users/Haris/Desktop/code playground/Tuts/Git tutorials/mypanda/.git/COMMIT\_EDITMSG [unix] (00:26 27/10/2019)  
"C:/Users/Haris/Desktop/code playground/Tuts/Git tutorials/mypanda/.git/COMMIT\_EDITMSG" [unix] 20L, 610C

1,1 All

Harry bhai ka msg + LN: remove simplejson (#29169)

```
# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# Author: Simon Hawkins <simonjayhawkins@gmail.com>
# Date: Sat Oct 26 10:40:44 2019 +0100
#
# On branch master
# Your branch is up to date with 'origin/master'.
#
# Changes to be committed:
#   modified: pandas/io/msgpack/__init__.py
#   modified: pandas/io/msgpack/_packer.pyx
#   modified: pandas/io/msgpack/_unpacker.pyx
#   modified: pandas/util/_print_versions.py
#
# Changes not staged for commit:
#   modified: AUTHORS.md
#
~
```

C:/Users/Haris/Desktop/code playground/Tuts/Git tutorials/mypanda/.git/COMMIT\_EDITMSG[+] [unix] (00:26 27/10/2019)  
-- INSERT --

1,21 All

Harry bhai ka msg + LN: remove simplejson (#29169)

```
# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# Author:      Simon Hawkins <simonjayhawkins@gmail.com>
# Date:       Sat Oct 26 10:40:44 2019 +0100
#
# On branch master
# Your branch is up to date with 'origin/master'.
#
# Changes to be committed:
#       modified:   pandas/io/msgpack/__init__.py
#       modified:   pandas/io/msgpack/_packer.pyx
#       modified:   pandas/io/msgpack/_unpacker.pyx
#       modified:   pandas/util/_print_versions.py
#
# Changes not staged for commit:
#       modified:   AUTHORS.md
#
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
# ~
```

C:/Users/Haris/Desktop/code playground/Tuts/Git tutorials/mypanda/.git/COMMIT\_EDITMSG[+] [unix] (00:26 27/10/2019)

1,20 All

:wq

Type here to search



```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
no changes added to commit (use "git add" and/or "git commit -a")

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git add first_renamed.txt

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   first_renamed.txt

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git restore --staged first_renamed.txt

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   first_renamed.txt

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   first_renamed.txt

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

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (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:   first_renamed.txt

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

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
```

```
$ git checkout -- first_renamed.txt
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
```

```
$ git status
On branch master
nothing to commit, working tree clean
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
```

```
$ |
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
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:   .gitignore
modified:   first_renamed.txt

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git checkout -f

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ |
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git remote

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ ^C

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git remote add origin git@github.com:CodewithHarry/GitTutorialDemo.git

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git remote
origin

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git remote -v
origin git@github.com:CodewithHarry/GitTutorialDemo.git (fetch)
origin git@github.com:CodewithHarry/GitTutorialDemo.git (push)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git push -u origin master
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git remote

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ ^C

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git remote add origin git@github.com:CodewithHarry/GitTutorialDemo.git

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git remote
origin

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git remote -v
origin  git@github.com:CodewithHarry/GitTutorialDemo.git (fetch)
origin  git@github.com:CodewithHarry/GitTutorialDemo.git (push)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git push -u origin master
ERROR: Permission to CodewithHarry/GitTutorialDemo.git denied to haris989.
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

YouTube Complete Git Tutorials For Beginner X Add new SSH keys X ssh keys:github - Google Search X Generating a new SSH key and adding it to the ssh-agent X

help.github.com/en/enterprise/2.17/user/authenticating-to-github/generating-a-new-ssh-key-and-adding-it-to-the-ssh-agent

Apps YouTube Gmail CodeWithHarry - Y... C Language Tutorial... ProgrammingWith... JavaScript Tutorials... Python tutorials for... Machine Learning T... Android Developm... Complete Git Tutor...

# the ssh-agent

After you've checked for existing SSH keys, you can generate a new SSH key to use for authentication, then add it to the ssh-agent.

Mac Windows Linux All

If you don't already have an SSH key, you must generate a new SSH key. If you're unsure whether you already have an SSH key, check for existing keys.

If you don't want to reenter your passphrase every time you use your SSH key, you can add your key to the SSH agent, which manages your SSH keys and remembers your passphrase.

## Generating a new SSH key

- 1 Open Git Bash.
- 2 Paste the text below, substituting in your GitHub Enterprise email address.

```
$ ssh-keygen -t rsa -b 4096 -C "your_email@example.com"
```
- This creates a new ssh key, using the provided email as a label.

```
> Generating public/private rsa key pair.
```
- 3 When you're prompted to "Enter a file in which to save the key," press Enter. This accepts the default file location.

```
> Enter a file in which to save the key (/c/Users/you/.ssh/id_rsa):[Press enter]
```
- 4 At the prompt, type a secure passphrase. For more information, see "Working with SSH key passphrases".

```
> Enter passphrase (empty for no passphrase): [Type a passphrase]> Enter same passphrase again:
```

Type here to search

Windows Taskbar icons: File Explorer, Edge, Google Chrome, File Manager, File Explorer

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git remote
origin

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git remote -v
origin git@github.com:CodewithHarry/GitTutorialDemo.git (fetch)
origin git@github.com:CodewithHarry/GitTutorialDemo.git (push)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git push -u origin master
ERROR: Permission to CodewithHarry/GitTutorialDemo.git denied to haris989.
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ ssh-keygen -t rsa -b 4096 -C "harry@codewithharry.com"
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/Haris/.ssh/id_rsa):
/c/Users/Haris/.ssh/id_rsa already exists.
Overwrite (y/n)? y
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Saving key "/c/Users/Haris/.ssh/id_rsa" failed: Permission denied

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ |
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git push -u origin master
ERROR: Permission to CodewithHarry/GitTutorialDemo.git denied to haris989.
fatal: Could not read from remote repository.
```

Please make sure you have the correct access rights  
and the repository exists.

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ ssh-keygen -t rsa -b 4096 -C "harry@codewithharry.com"
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/Haris/.ssh/id_rsa):
/c/Users/Haris/.ssh/id_rsa already exists.
Overwrite (y/n)? y
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Saving key "/c/Users/Haris/.ssh/id_rsa" failed: Permission denied
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ eval $(ssh-agent -s)
Agent pid 1688
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ ssh-add ~/.ssh/id_rsa
Identity added: /c/Users/Haris/.ssh/id_rsa (Haris@DESKTOP-RN53EBB)
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ tail ~/.ssh/id_rsa.pub
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
Saving key "/c/users/Haris/.ssh/id_rsa" failed: Permission denied
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ eval $(ssh-agent -s)
Agent pid 1688

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ ssh-add ~/.ssh/id_rsa
Identity added: /c/Users/Haris/.ssh/id_rsa (Haris@DESKTOP-RN53EBB)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ tail ~/.ssh/id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAQABAAQDUAv...+DIUNIUH9xz0zJ
+2HmdsnGe2CQXHs1wobssvcu7ZXS/sDM1XJp5hx...GCBt4SoGj1j24T7mFDsqZiQHDD4gy0bATq5R...fDpMRfw/a34Q8gjDpAKHosNi...Haris@DESKTOP-RN53EBB

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ ^C

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ ^C

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ ^C

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ |
```

MINGW64/c/Users/Hans/Desktop/code playground/Tuts/Git tutorials  
+2HmdsnGe2CQxHs1wobssvcu7zxs/sDM1xjp5hxsmvekL8Me807Sc8c47UeMyFMhLqYBwZVVDMAe1qi92hgJFp1g0Lctuj  
GCBT4SoGj1j24T7mFDsqzIQHHDD4gy0bATq5R0GGN7XCQvn51sXpCguxadwUw56Pqcaf8IpIObfWI1b4gs7tEpg2/ukYJYS  
fDpMRfw/a34Q8GjDpAKHosNiXsxt7+IRaScXunxQGyFCa1ZIqePKA8em3UbcR7SQ8Mo4FnhihpnzEvrup3Tyr19Cj0ysDr1  
Haris@DESKTOP-RN53EBB

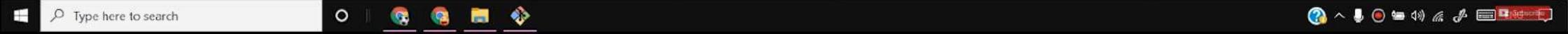
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
\$ ^C

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
\$ ^C

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
\$ ^C

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
\$ git push -u origin master  
Enumerating objects: 11, done.  
Counting objects: 100% (11/11), done.  
Delta compression using up to 4 threads  
Compressing objects: 100% (7/7), done.  
Writing objects: 100% (11/11), 26.22 KiB | 536.00 KiB/s, done.  
Total 11 (delta 1), reused 0 (delta 0)  
remote: Resolving deltas: 100% (1/1), done.  
To github.com:CodeWithHarry/GitTutorialDemo.git  
 \* [new branch] master -> master  
Branch 'master' set up to track remote branch 'master' from 'origin'.

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
\$ |



```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
(use "git add <file>..." to include in what will be committed)
  this.txt

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git add .

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git commit -m "Added this.txt github"
[master 3bbf425] Added this.txt github
 1 file changed, 1 insertion(+)
 create mode 100644 this.txt

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git push -u origin master
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), 281 bytes | 31.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:CodeWithHarry/GitTutorialDemo.git
  0451bce..3bbf425 master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

```
MINGW64:/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git st
git: 'st' is not a git command. See 'git --help'.

The most similar commands are
  status
  reset
  stage
  stash
  svn

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git config --global alias.st status

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git st
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ |
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git config --global alias.st status

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git st
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git config --global alias.ci commit

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git ci
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git commit
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
other
-z, --null
--name-only
--includes
--show-origin
--default <value> terminate values with NUL byte
show variable names only
respect include directives on lookup
show origin of config (file, standard input, blob, command line)
with --get, use default value when missing entry

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git config --global alias.unstage 'restore --staged --'

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git unstage this.txt

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git st
on branch master
Your branch is up to date with 'origin/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:   this.txt

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ |
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
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:   this.txt

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

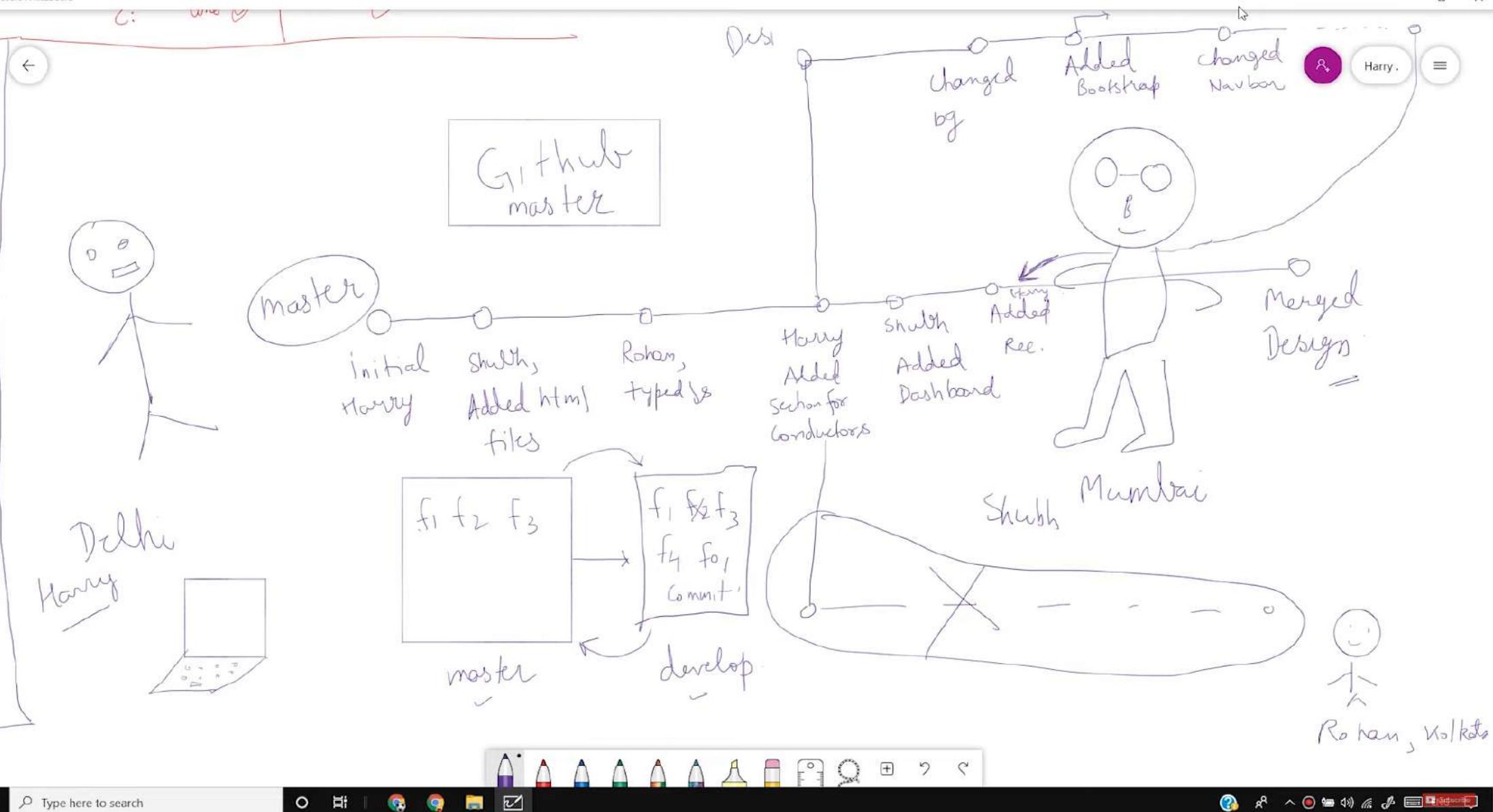
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git config --global alias.last 'log -p -1'

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git last
commit 3bbf4253007a041c93dd2f4eee8c55bc36fe7509 (HEAD -> master, origin/master)
Author: Harry <harry@codewithharry.com>
Date:   Sun Oct 27 23:46:42 2019 +0530

  Added this.txt github

diff --git a/this.txt b/this.txt
new file mode 100644
index 000000..4fbff89
--- /dev/null
+++ b/this.txt
@@ -0,0 +1 @@
+sdfsdfsfs
\ No newline at end of file

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ |
```



```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
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:   this.txt

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git restore this.txt

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
on branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ |
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
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:   this.txt

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git restore this.txt

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git checkout -b develop
Switched to a new branch 'develop'

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)
$
```

```
(use "git restore <file>..." to discard changes in working directory)
  deleted:    db.accdb
  deleted:    myexcel.xlsx
```

Untracked files:

```
(use "git add <file>..." to include in what will be committed)
  directory/
  important files/
```

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

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)
$ git add .
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)
```

```
$ git status
```

On branch develop

Changes to be committed:

```
(use "git restore --staged <file>..." to unstage)
  new file:  directory/changes.txt
  renamed:   db.accdb -> important files/db.accdb
  renamed:   myexcel.xlsx -> important files/myexcel.xlsx
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)
```

```
$ git commit -m "Beautified structure"
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
important files/
no changes added to commit (use "git add" and/or "git commit -a")
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)
$ git add .

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)
$ git status
On branch develop
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   directory/changes.txt
    renamed:   db.accdb -> important files/db.accdb
    renamed:   myexcel.xlsx -> important files/myexcel.xlsx

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)
$ git commit -m "Beautified structure"
[develop cabdb3b] Beautified structure
3 files changed, 1 insertion(+)
create mode 100644 directory/changes.txt
rename db.accdb => important files/db.accdb (100%)
rename myexcel.xlsx => important files/myexcel.xlsx (100%)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)
$ git checkout master
```

```
[master 1455529] Changed  
2 files changed, 5 insertions(+), 3 deletions(-)
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
$ git checkout -b develop  
Switched to a new branch 'develop'
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)  
$ git commit -a -m "Changed"  
[develop df728c6] Changed  
4 files changed, 7 deletions(-)  
delete mode 100644 db.accdb  
delete mode 100644 first_renamed.txt  
delete mode 100644 myexcel.xlsx  
delete mode 100644 this.txt
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)  
$ git status  
On branch develop  
nothing to commit, working tree clean
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)  
$ git checkout master  
Switched to branch 'master'
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)  
$ |
```

```
MINGW64:/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
[develop df728c6] Changed
 4 files changed, 7 deletions(-)
 delete mode 100644 db.accdb
 delete mode 100644 first_renamed.txt
 delete mode 100644 myexcel.xlsx
 delete mode 100644 this.txt

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)
$ git status
on branch develop
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)
$ git checkout master
Switched to branch 'master'

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git checkout develop
Switched to branch 'develop'

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)
$ git branch
* develop
  master

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (develop)
$ |
```

```
MINGW64:/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials/MyWebsite
tryCleanup)
$ git commit -a -m "Made changes to dropdown"
[tryCleanup f7ccb3f] Made changes to dropdown
 1 file changed, 2 insertions(+), 2 deletions(-)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/MyWebsite (tryCleanup)
$ git checkout master
Switched to branch 'master'

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/MyWebsite (master)
$ git status
On branch master
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/MyWebsite (master)
$ git merge tryCleanup
Auto-merging index.html
CONFLICT (content): Merge conflict in index.html
Automatic merge failed; fix conflicts and then commit the result.

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/MyWebsite (master|MERGING)
$ |
```

File Edit Selection View Go Debug Terminal Help

index.html - MyWebsite - Visual Studio Code

EXTENSIONS: ... index.html x

live server

Live Server 5.6.1  
Launch a development I...  
Ritwick Dey ✓ Enabled

Live Share 1.0.1123  
Real-time collaborative d...  
Microsoft

SQL Server (mssql) 1.7.0  
Develop Microsoft SQL S...  
Microsoft Install

Live Server Preview 0.1.4  
Preview your HTML file ...  
negokaz Install

php-live-server 0.0.1  
Teodoro Villanueva Install

HQ Live Server 0.0.4  
Lightning fast, zero config...  
hajs Install

Live Share Chat 0.29.0  
Chat with your team whil...  
Arjun Attam Install

Live Share Audio 0.1.80  
Adds audio calling capab...  
Microsoft Install

Live Share Extens... 0.3.4  
Collection of extensions ...  
Microsoft Install

Live Sass Compiler 3.0.0  
Compile Sass or Scss to ...  
Ritwick Dey Install

MIX Live Server 0.0.1  
Live Server for Web deve...  
varomix Install

PHP Server 24.6  
Serve your Project with P...  
brapifra Install

index.html > html > body > nav.navbar.navbar-expand-lg.navbar-light.bg-light > div#navbarSupportedContent.collapse.navbar-collapse > ul.navbar-nav.mr-auto > li.nav-item

```
<body>
  <nav class="navbar navbar-expand-lg navbar-light bg-light">
    <a class="navbar-brand" href="#">Code with Harry</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
      <ul class="navbar-nav mr-auto">
        <li class="nav-item active">
          <a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">About Us</a>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Goals
          </a>
          <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="#">Our Goals</a>
            <a class="dropdown-item" href="#">Read about our goals</a>
            <div class="dropdown-divider"></div>
            <a class="dropdown-item" href="#">Our Vision</a>
          </div>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Contact</a>
        </li>
      </ul>
    </div>
  </nav>

```

Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes | Start Live Share Session

<<<<< HEAD (Current Change)

<a class="nav-link" href="#">About</a>

=====

<a class="nav-link" href="#">About Us</a>

>>>> tryCleanup (Incoming Change)

</li>

<li class="nav-item dropdown">

<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

Goals

</a>

<div class="dropdown-menu" aria-labelledby="navbarDropdown">

<a class="dropdown-item" href="#">Our Goals</a>

<a class="dropdown-item" href="#">Read about our goals</a>

<div class="dropdown-divider"></div>

<a class="dropdown-item" href="#">Our Vision</a>

</div>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Contact</a>

master ✘ 0 △ 0 Live Share

Type here to search

Ln 45, Col 1 Spaces: 2 UTF-8 CRLF HTML Port: 5500

nothing to commit, working tree clean

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/MyWebsite (master)
```

```
$ git merge tryCleanup
```

```
Auto-merging index.html
```

```
CONFLICT (content): Merge conflict in index.html
```

```
Automatic merge failed; fix conflicts and then commit the result.
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/MyWebsite (master|MERGING)
```

```
$ git status
```

```
On branch master
```

```
You have unmerged paths.
```

```
(fix conflicts and run "git commit")
```

```
(use "git merge --abort" to abort the merge)
```

```
Unmerged paths:
```

```
(use "git add <file>..." to mark resolution)
```

```
both modified: index.html
```

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

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/MyWebsite (master|MERGING)
```

```
$ |
```

```
MINGW64:/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials/MyWebsite
Auto-merging index.html
CONFLICT (content): Merge conflict in index.html
Automatic merge failed; fix conflicts and then commit the result.

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/MyWebsite (master|MERGING)
$ git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified: index.html

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/MyWebsite (master|MERGING)
$ git add .
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/MyWebsite (master|MERGING)
$ git commit
hint: Waiting for your editor to close the file... |
```

MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials/MyWebsite

# Merge branch 'tryCleanup'

```
# Conflicts:  
#       index.html  
#  
# It looks like you may be committing a merge.  
# If this is not correct, please remove the file  
#       .git/MERGE_HEAD  
# and try again.  
  
# Please enter the commit message for your changes. Lines starting  
# with '#' will be ignored, and an empty message aborts the commit.  
#  
# On branch master  
# All conflicts fixed but you are still merging.  
#  
# Changes to be committed:  
#       modified:   index.html  
#  
~  
~  
~  
~  
~  
  
<und/Tuts/Git tutorials/MyWebsite/.git/COMMIT_EDITMSG [unix] (23:40 07/11/2019)1,1 All  
<ground/Tuts/Git tutorials/MyWebsite/.git/COMMIT_EDITMSG" [unix] 20L, 449C
```

MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials/MyWebsite

Merge branch 'tryCleanup'

```
# Conflicts:  
#       index.html  
#  
# It looks like you may be committing a merge.  
# If this is not correct, please remove the file  
#       .git/MERGE_HEAD  
# and try again.  
  
# Please enter the commit message for your changes. Lines starting  
# with '#' will be ignored, and an empty message aborts the commit.  
#  
# On branch master  
# All conflicts fixed but you are still merging.  
#  
# Changes to be committed:  
#       modified:   index.html  
#  
~  
~  
~  
~  
~  
  
<und/Tuts/Git tutorials/MyWebsite/.git/COMMIT_EDITMSG [unix] (23:40 07/11/2019)1,1 All  
:wq
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials/MyWebsite
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/MyWebsite (master|MERGING)
$ git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

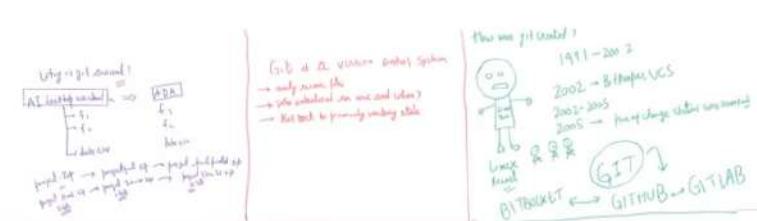
Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified: index.html

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

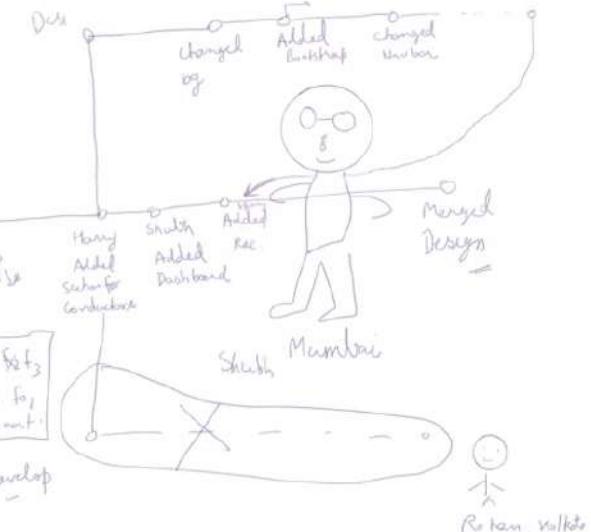
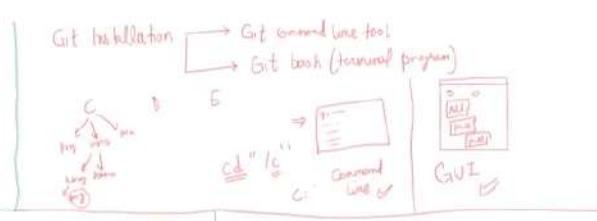
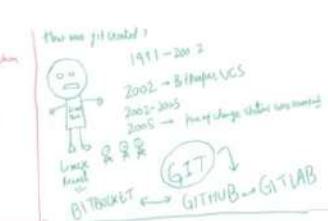
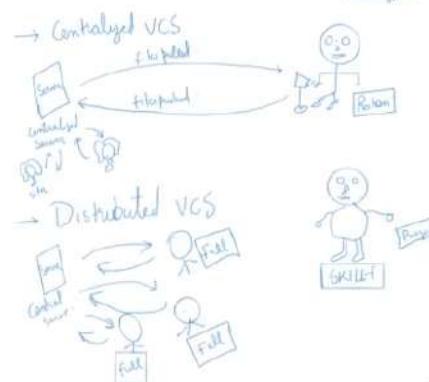
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/MyWebsite (master|MERGING)
$ git add .
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/MyWebsite (master|MERGING)
$ git commit
[master e5d01ce] Merge branch 'tryCleanup' 1
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials/MyWebsite (master)
$ |
```



Harry.



History of VCS  
→ Local VCS → DB to keep track of files  
prior = can track file & content  
2005 = if you have a candidate, everything



# Merge Conflict

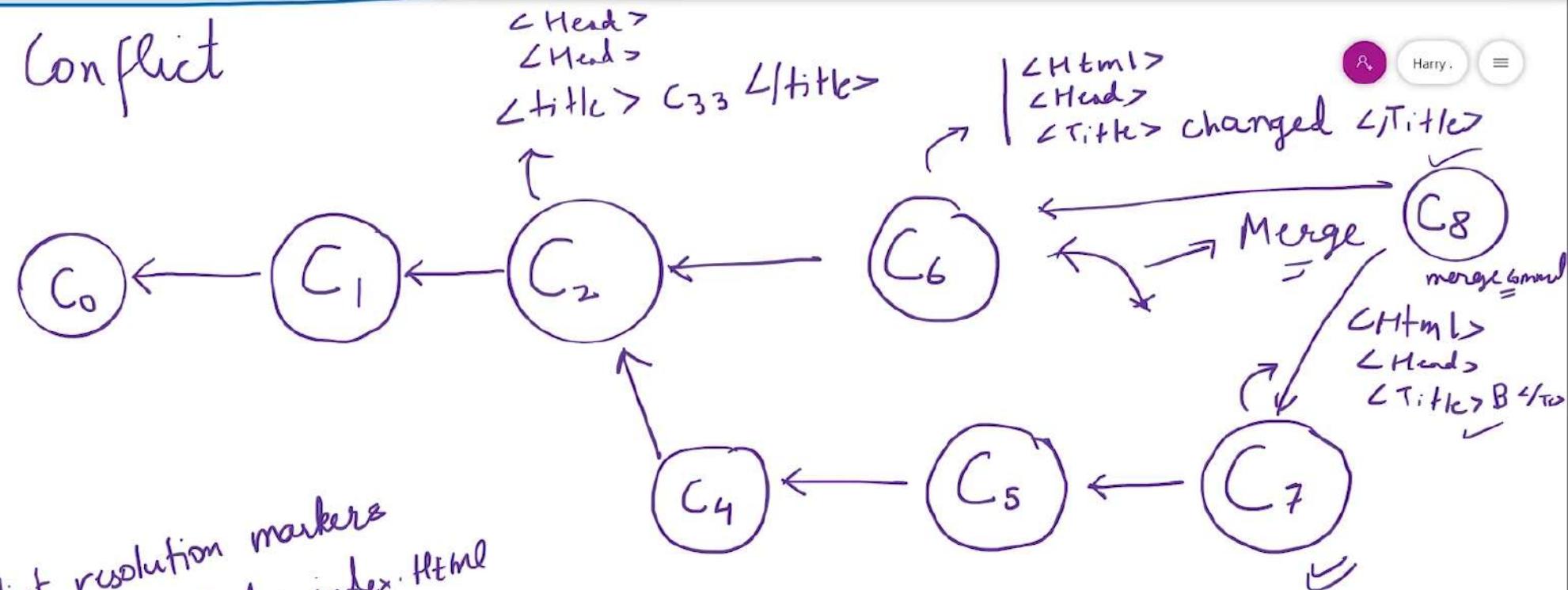
Master =

Issue =

Conflict resolution markers  
 <<<< Head : index.html

=====  
 ==  
 ==

issue : index.html



git add index.html

git commit



# Branch management

git branch

\* master  
develop  
system

git branch -v

* master	Commit hash	Commit message
develop	g7b13C	"This will fix"

git branch --merged → already merged branches.

git branch --no-merged → not " "

## Deleting branches

git branch -d develop ⇒ gives ~~an~~ error if develop is  
not merged

" " -D ⇒ no error & branch gets deleted



```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git add .
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git commit -m "added index.html title 2"
[master 7e7d8a3] added index.html title 2
 1 file changed, 1 insertion(+), 1 deletion(-)
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master
nothing to commit, working tree clean
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git checkout -b issue1
Switched to a new branch 'issue1'
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (issue1)
$ git add -a -m "this is c4"
error: unknown switch `a'
usage: git add [<options>] [--] <pathspec>...
```

-n, --dry-run  
-v, --verbose

dry run  
be verbose

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (issue1)
$ git commit -a -m "this is c4"
[issue1 47ed348] this is c4
 1 file changed, 1 insertion(+), 1 deletion(-)

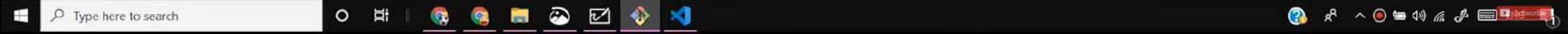
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (issue1)
$ git commit -a -m "this is c5"
[issue1 1f648a2] this is c5
 1 file changed, 1 insertion(+), 1 deletion(-)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (issue1)
$ git commit -a -m "this is c7"
[issue1 865d6aa] this is c7
 1 file changed, 1 insertion(+), 1 deletion(-)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (issue1)
$ git status
On branch issue1
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (issue1)
$ git checkout master
Switched to branch 'master'

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```



```
MINGW64:/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
[issue1 865d6aa] this is c7
 1 file changed, 1 insertion(+), 1 deletion(-)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (issue1)
$ git status
On branch issue1
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (issue1)
$ git checkout master
Switched to branch 'master'

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git commit -a -m "this is c6"
[master 7f2b639] this is c6
 1 file changed, 1 insertion(+), 1 deletion(-)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git merge issue1
Auto-merging index.html
CONFLICT (content): Merge conflict in index.html
Automatic merge failed; fix conflicts and then commit the result.

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master|MERGING)
$
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
[master 7f2b639] this is c6
 1 file changed, 1 insertion(+), 1 deletion(-)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git merge issue1
Auto-merging index.html
CONFLICT (content): Merge conflict in index.html
Automatic merge failed; fix conflicts and then commit the result.

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master|MERR
GING)
$ git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified: index.html

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master|MERR
GING)
$ |
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
both modified: index.html

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

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master|MERGING)
$ git add index.html

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master|MERGING)
$ git status
On branch master
All conflicts fixed but you are still merging.
  (use "git commit" to conclude merge)

Changes to be committed:
  modified:  index.html

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master|MERGING)
$ git commit -m "Merged issue 1"
[master 6092c46] Merged issue 1

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git log
```

```
MINGW64:/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
[issue2 e3d2406] Did some gadbad
 1 file changed, 3 insertions(+), 4 deletions(-)

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (issue2)
$ git checkout master
Switched to branch 'master'

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git status
On branch master
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git branch
  issue1
  issue2
* master

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git branch -v
  issue1 865d6aa this is c7
  issue2 e3d2406 Did some gadbad
* master 6092c46 Merged issue 1

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$
```

On branch master  
nothing to commit, working tree clean

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git branch
  issue1
  issue2
* master
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git branch -v
  issue1 865d6aa this is c7
  issue2 e3d2406 Did some gadbad
* master 6092c46 Merged issue 1
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git branch --merged
  issue1
* master
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git branch --no-merged
  issue2
```

```
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ |
```

```
MINGW64/c/Users/Haris/Desktop/code playground/Tuts/Git tutorials
issue1
issue2
* master

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git branch -v
  issue1 865d6aa this is c7
  issue2 e3d2406 Did some gadbad
* master 6092c46 Merged issue 1

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git branch --merged
  issue1
* master

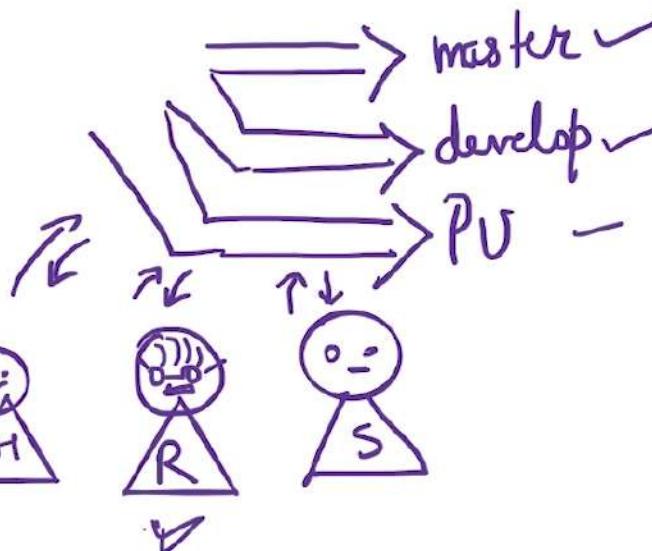
Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git branch --no-merged
issue2

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ git branch -d issue2
error: The branch 'issue2' is not fully merged.
If you are sure you want to delete it, run 'git branch -D issue2'.

Haris@DESKTOP-RN53EBB MINGW64 ~/Desktop/code playground/Tuts/Git tutorials (master)
$ |
```

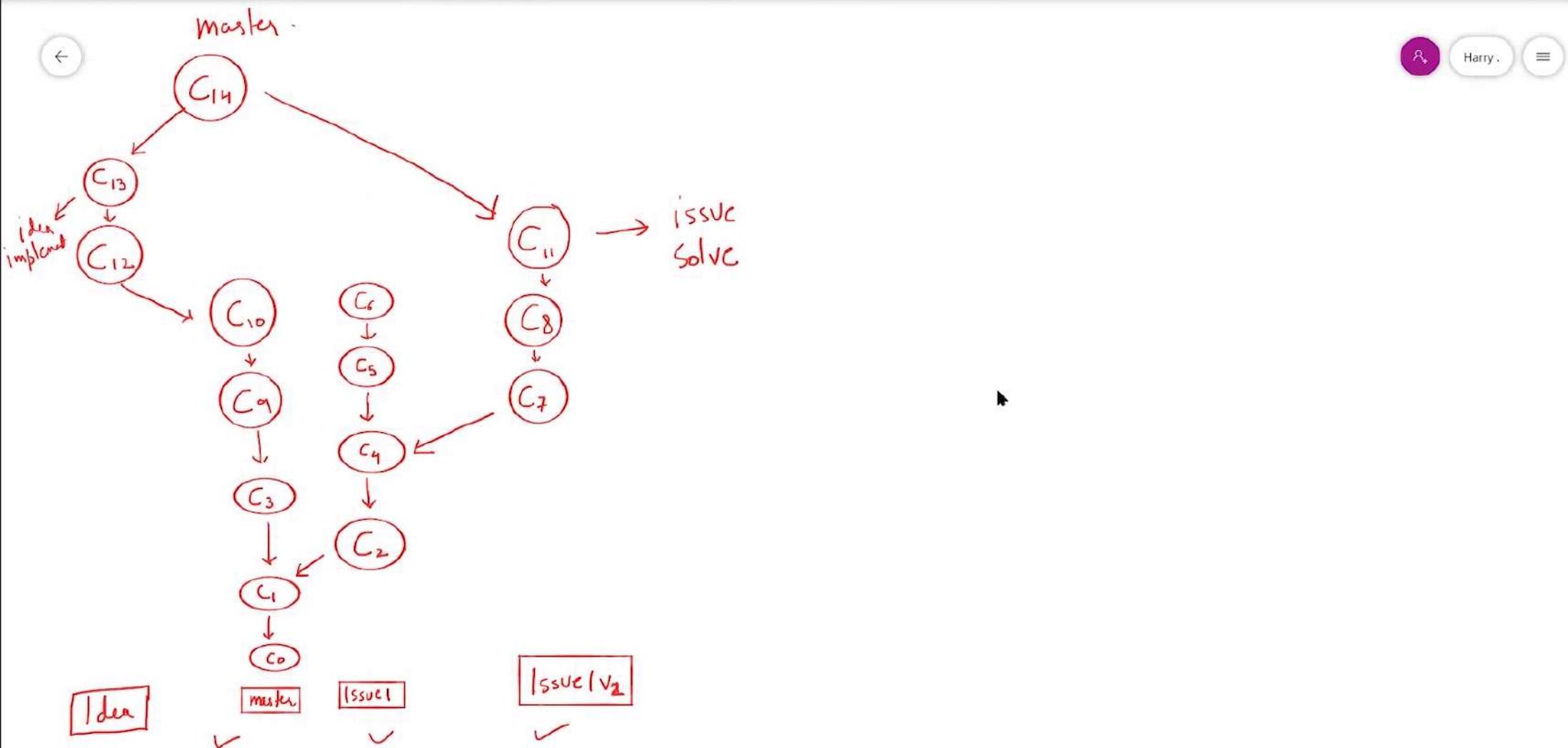
# Branching Workflow :

Long Running Branches



Topic Branches

====> Replace text with typed JS  
TypeDssInt.



SSH and GPG keys X CodeWithHarry/DemoRepository X Complete Git Tutorials For Beginner X +

github.com/CodeWithHarry/DemoRepository

Apps YouTube Gmail CodeWithHarry - Y... C Language Tutorials... ProgrammingWith... JavaScript Tutorials... Python tutorials for... Machine Learning T... Android Developm... Complete Git Tutori...

CodeWithHarry / DemoRepository

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Actions Projects 0 Wiki Security Insights Settings

Quick setup — if you've done this kind of thing before

Set up in Desktop or HTTPS SSH https://github.com/CodeWithHarry/DemoRepository.git

Get started by creating a new file or uploading an existing file. We recommend every repository include a README, LICENSE, and .gitignore.

...or create a new repository on the command line

```
echo "# DemoRepository" >> README.md  
git init  
git add README.md  
git commit -m "first commit"  
git remote add origin https://github.com/CodeWithHarry/DemoRepository.git  
git push -u origin master
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/CodeWithHarry/DemoRepository.git  
git push -u origin master
```

...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

Import code

ProTip! Use the URL for this page when adding Github as a remote.

Type here to search

```
MINGW64/d/Business/code playground/Tuts/Git tutorials
Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$ git branch
  bugfix
* master

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$ git remote

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$ git remote -v

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$ git remote add origin https://github.com/CodewithHarry/DemoRepository.git

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$ git remote
origin

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$ git remote -v
origin https://github.com/CodewithHarry/DemoRepository.git (fetch)
origin https://github.com/CodewithHarry/DemoRepository.git (push)

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$
```

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)  
\$

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)  
\$

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)  
\$ git push -u origin master  
Logon failed, use ctrl+c to cancel basic credential prompt.  
error: unable to read askpass response from 'c:/Program Files/Git/mingw64/libexec/git-core/git-gui--askpass'  
Username for 'https://github.com': CodewithHarry  
Enumerating objects: 35, done.  
Counting objects: 100% (35/35), done. T  
Delta compression using up to 4 threads  
Compressing objects: 100% (31/31), done.  
Writing objects: 100% (35/35), 28.10 KiB | 449.00 KiB/s, done.  
Total 35 (delta 15), reused 0 (delta 0)  
remote: Resolving deltas: 100% (15/15), done.  
To https://github.com/CodewithHarry/DemoRepository.git  
 \* [new branch] master -> master  
Branch 'master' set up to track remote branch 'master' from 'origin'.

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)  
\$

nothing to commit, working tree clean

```
Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$ git checkout bugfix
Switched to branch 'bugfix'
```

```
Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
```

```
Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$ git checkout bugfix
Switched to branch 'bugfix'
```

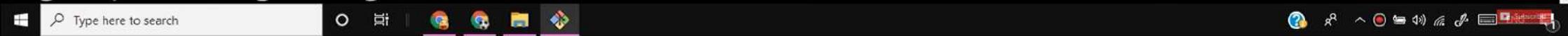
```
Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$ git push origin bugfix
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
writing objects: 100% (3/3), 317 bytes | 158.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
```

```
MINGW64/d/Business/code playground/Tuts/Git tutorials
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
```

```
Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$ git checkout bugfix
Switched to branch 'bugfix'
```

```
Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$ git push origin bugfix
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 317 bytes | 158.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: Create a pull request for 'bugfix' on GitHub by visiting:
remote:     https://github.com/CodewithHarry/DemoRepository/pull/new/bugfix
remote:
To https://github.com/CodewithHarry/DemoRepository.git
 * [new branch]      bugfix -> bugfix
```

```
Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$ git push origin bugfix
```



```
$ git push origin bugfix
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 317 bytes | 158.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: Create a pull request for 'bugfix' on GitHub by visiting:
remote:     https://github.com/CodewithHarry/DemoRepository/pull/new/bugfix
remote:
To https://github.com/CodewithHarry/DemoRepository.git
 * [new branch]      bugfix -> bugfix

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$ git push origin bugfix
Everything up-to-date

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$ git status
on branch bugfix
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$
```

```
$ MINGW64/d/Business/code playground/Tuts/Git tutorials
remote: https://github.com/CodewithHarry/DemoRepository/pull/new/bugfix
remote:
To https://github.com/CodewithHarry/DemoRepository.git
 * [new branch]      bugfix -> bugfix

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$ git push origin bugfix
Everything up-to-date

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$ git status
on branch bugfix
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$ git push origin bugfix:mybugfix
Total 0 (delta 0), reused 0 (delta 0)
remote:
remote: Create a pull request for 'mybugfix' on GitHub by visiting:
remote:     https://github.com/CodewithHarry/DemoRepository/pull/new/mybugfix
remote:
To https://github.com/CodewithHarry/DemoRepository.git
 * [new branch]      bugfix -> mybugfix

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$
```

Branches · CodeWithHarry/Demo X Complete Git Tutorials For Beginner X +

github.com/CodeWithHarry/DemoRepository/branches

Apps YouTube Gmail CodeWithHarry - Y... C Language Tutorials... ProgrammingWith... JavaScript Tutorials... Python tutorials for... Machine Learning T... Android Developmen... Complete Git Tutori...

Why GitHub? Enterprise Explore Marketplace Pricing

Search Sign in Sign up

CodeWithHarry / DemoRepository

Watch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Security Insights

Overview Active Stale All branches Search branches...

Default branch

master	Updated 18 days ago by Harry	Default
--------	------------------------------	---------

Active branches

mybugfix	Updated 13 minutes ago by Harry	0 1	Compare
bugfix	Updated 13 minutes ago by Harry	0 1	Compare

© 2019 GitHub, Inc. Terms Privacy Security Status Help

Contact GitHub Pricing API Training Blog About

https://github.com/CodeWithHarry/DemoRepository/tree/mybugfix

Type here to search

```
MINGW64/d/Business/code playground/Tuts/Git tutorials
remote: https://github.com/CodewithHarry/DemoRepository/pull/new/bugfix
remote:
To https://github.com/CodewithHarry/DemoRepository.git
 * [new branch] bugfix -> bugfix

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$ git push origin bugfix
Everything up-to-date

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$ git status
on branch bugfix
nothing to commit, working tree clean

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$ git push origin bugfix:mybugfix
Total 0 (delta 0), reused 0 (delta 0)
remote:
remote: Create a pull request for 'mybugfix' on GitHub by visiting:
remote: https://github.com/CodewithHarry/DemoRepository/pull/new/mybugfix
remote:
To https://github.com/CodewithHarry/DemoRepository.git
 * [new branch] bugfix -> mybugfix

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (bugfix)
$
```

```
MINGW64/d/Business/code playground/Tuts/Git tutorials
Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$ git branch -d bugfix
Deleted branch bugfix (was 43df330).

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$ git branch
* master

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$ git push origin master
Total 0 (delta 0), reused 0 (delta 0)
To https://github.com/CodewithHarry/DemoRepository.git
  6092c46..43df330  master -> master

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$ git push -d origin bugfix
To https://github.com/CodewithHarry/DemoRepository.git
 - [deleted]          bugfix

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$ git push -d origin mybugfix
To https://github.com/CodewithHarry/DemoRepository.git
 - [deleted]          mybugfix

Haris@DESKTOP-RN53EBB MINGW64 /d/Business/code playground/Tuts/Git tutorials (master)
$
```