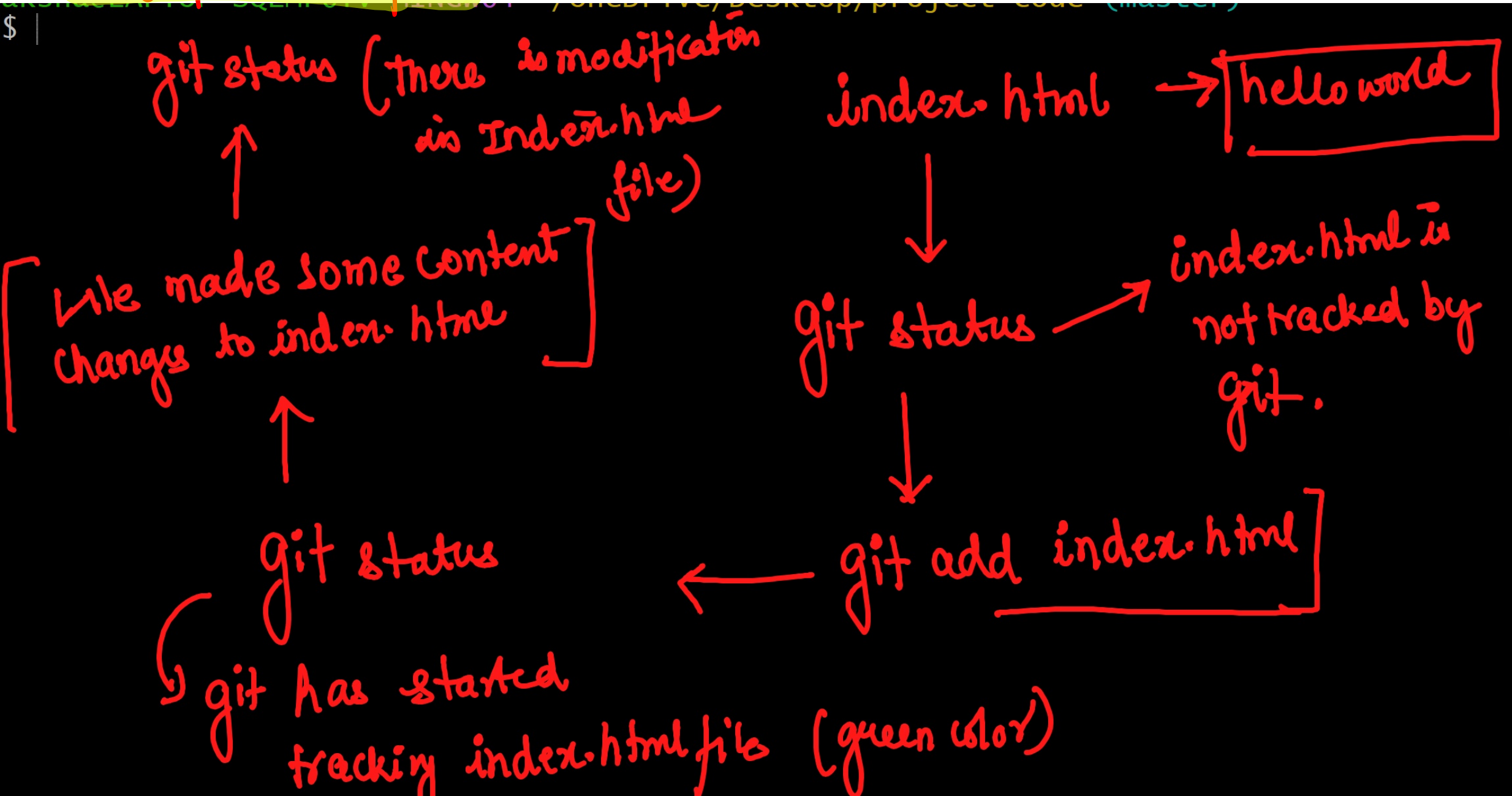


Completed so far:-



```

aksha@LAPTOP-SQEMF6TV MINGW64 ~/OneDrive/Desktop/project-code (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   index.html

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:   index.html

aksha@LAPTOP-SQEMF6TV MINGW64 ~/OneDrive/Desktop/project-code (master)
$

```

git tracks file with  
heloword

we modified the file  
with extra  
content  
hello world  
iam akshat

Here we can see  
that index.html  
is modified.  
but what exactly is  
modified??

git diff filename # it will tell the difference in the file which git is tracking and not tracking

```

$ git diff index.html
warning: in the working copy of 'index.html',
ouches it
diff --git a/index.html b/index.html
index 3b18e51..b9d7d00 100644
--- a/index.html
+++ b/index.html
@@ -1,2 @@
 hello world
+hi akshat

```

This line is modified

lets suppose i want git to track the latest modified file with content  
index.html  
hello world  
hi akshat

git add index.html

# Now we need to save the code as version (backup) in laptop.

First of all lets tell git that who is working : (one time process)

- git config --global user.name "akshat" ✓
- git config --global user.email "akshatawsac@gmail.com" ✓

Replace with your name  
← email  
(any)

any mail id

```
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw
core.autocrlf=true
core.fscache=true
core.symbols=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttp
init.defaultbranch=master
user.name=akshatg
user.email=akshatawsac@gmail.com
credential.https://git-codecommit.ap-sou
```

Lets lets save the code as a version:

## all the content of the files which git is tracking will be saved as a version

git commit -m "this is first version of the code where we created index.html"

save code as version  
message  
any message



I want to see all the versions which is created:

git log

```
ksha@LAPTOP-SQEMF6TV MINGW64 ~/OneDrive/Desktop/project-code (master)
git log
commit d169d40c26a4491b1f641561151ec023d5aa2d2e (HEAD -> master)
author: akshatg <akshatawsac@gmail.com>
date: Thu May 22 20:32:52 2025 +0530

    this is first version of the code where we created index.html

ksha@LAPTOP-SQEMF6TV MINGW64 ~/OneDrive/Desktop/project-code (master)
```

unique commit ID  
person who created this commit  
latest commit  
message

I want to see all the versions which is created in a single line:

git log --oneline

```
$ git log --oneline  
d169d40 (HEAD -> master) this is first version of the code where we cre
```