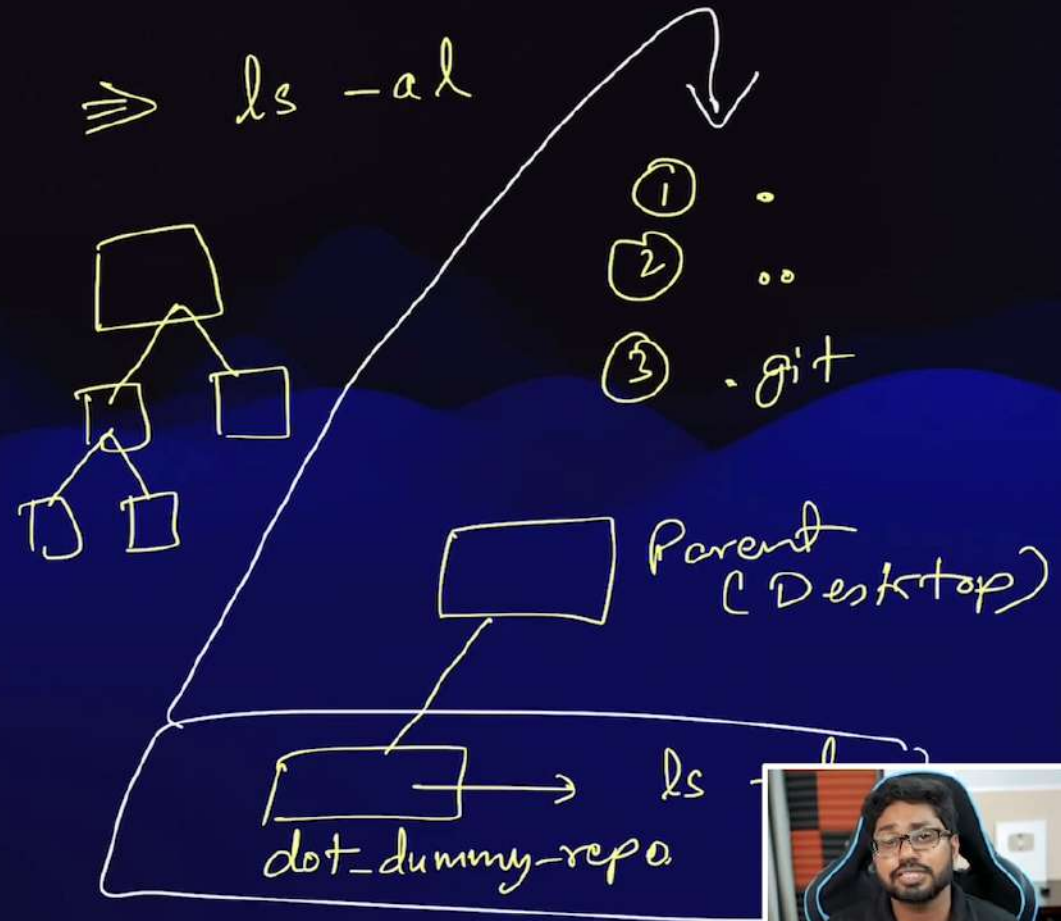
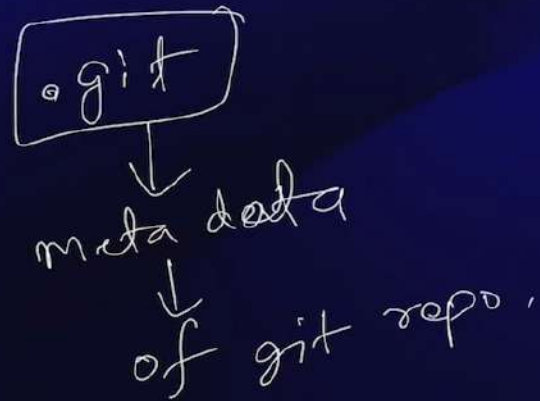


# Creating a GIT Repo.

- Git init
- Git clone
- Git status
- Git log



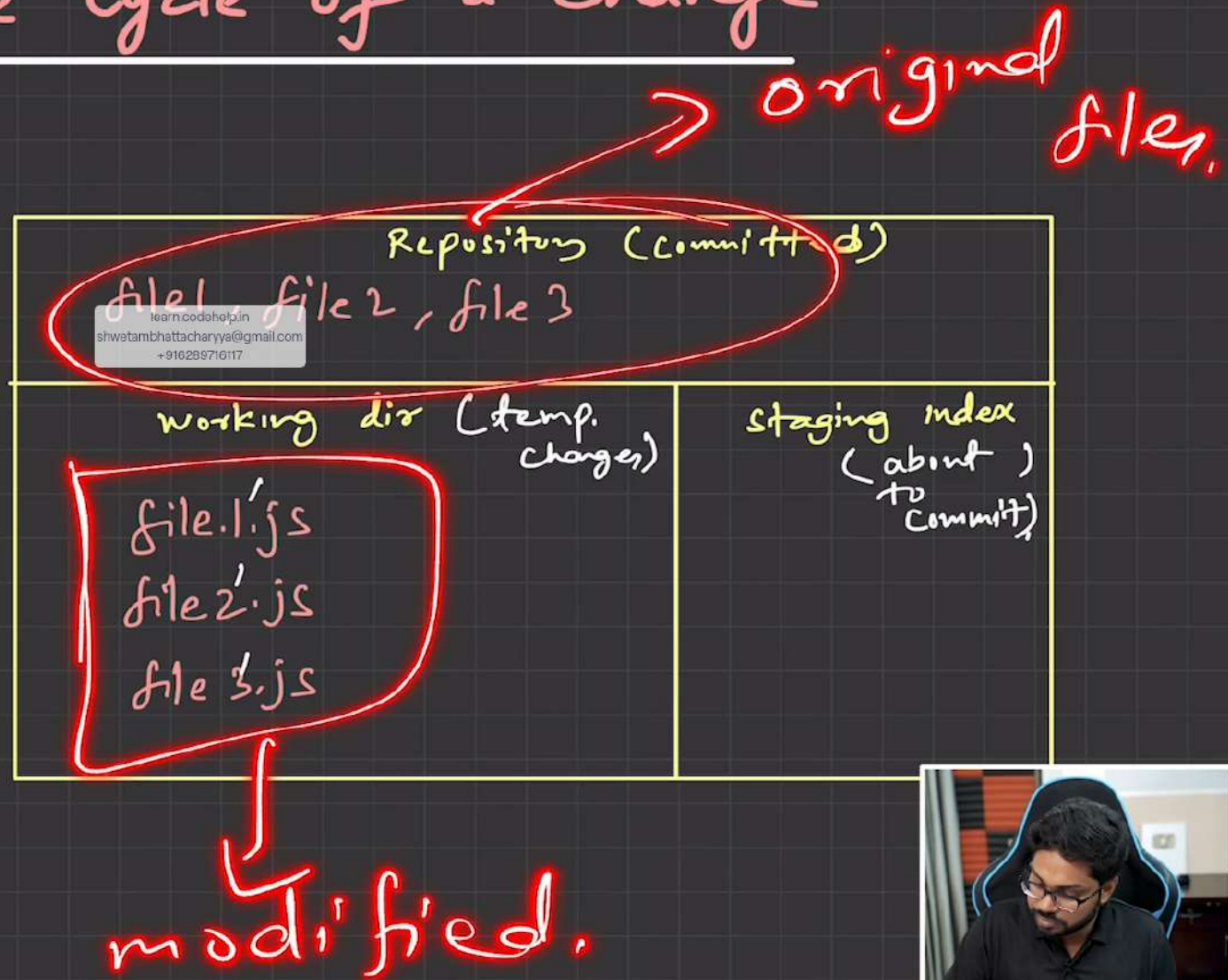
# Life Cycle of a Change

dot-dummy\_repo

① file1.js → file1'.js

② file2.js → file2'.js

③ file3.js → file3'.js



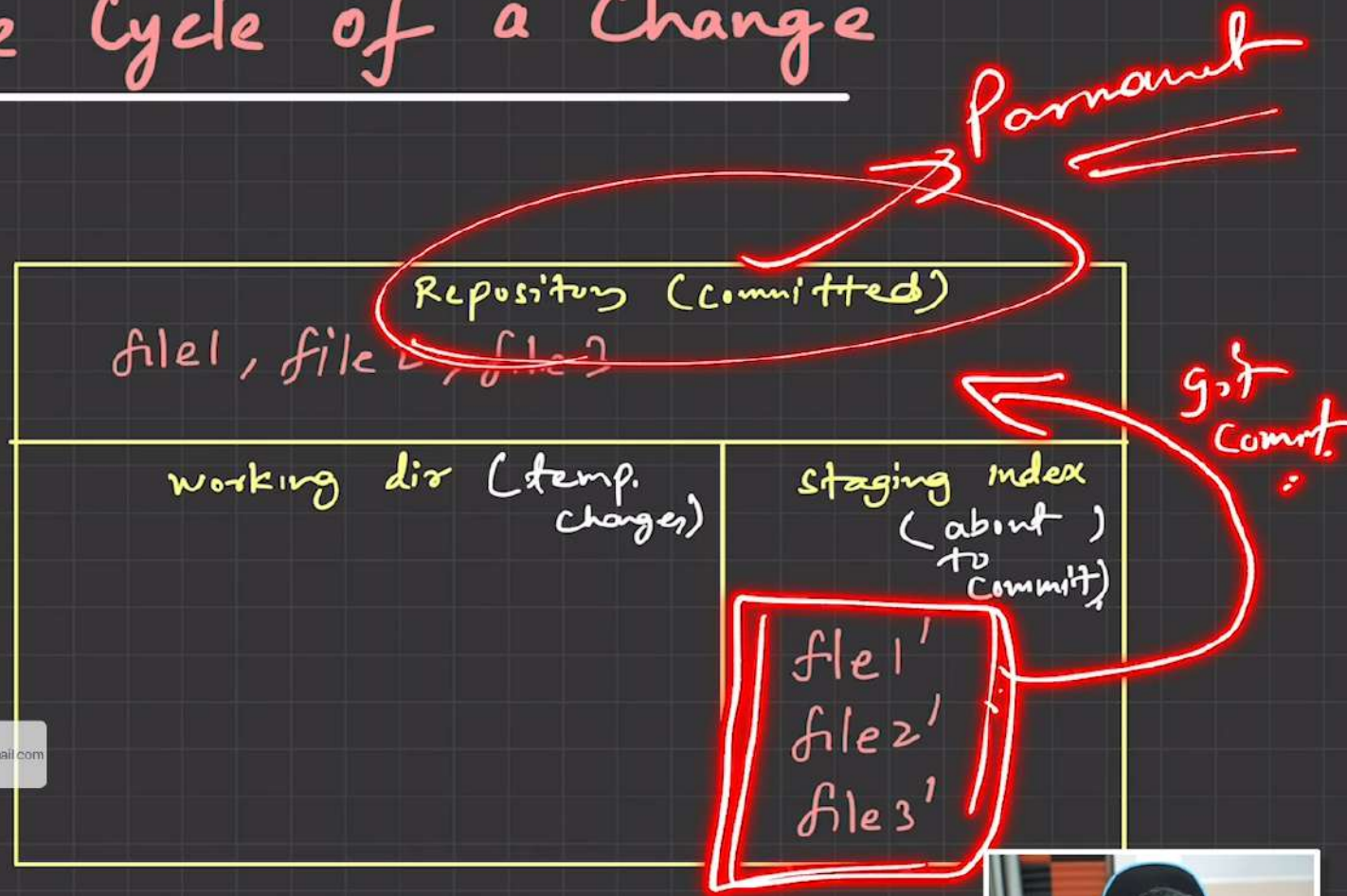
# Life Cycle of a Change

dot-dummy\_repo

① file1.js → file1'.js

② file2.js → file2'.js

③ file3.js → file3'.js



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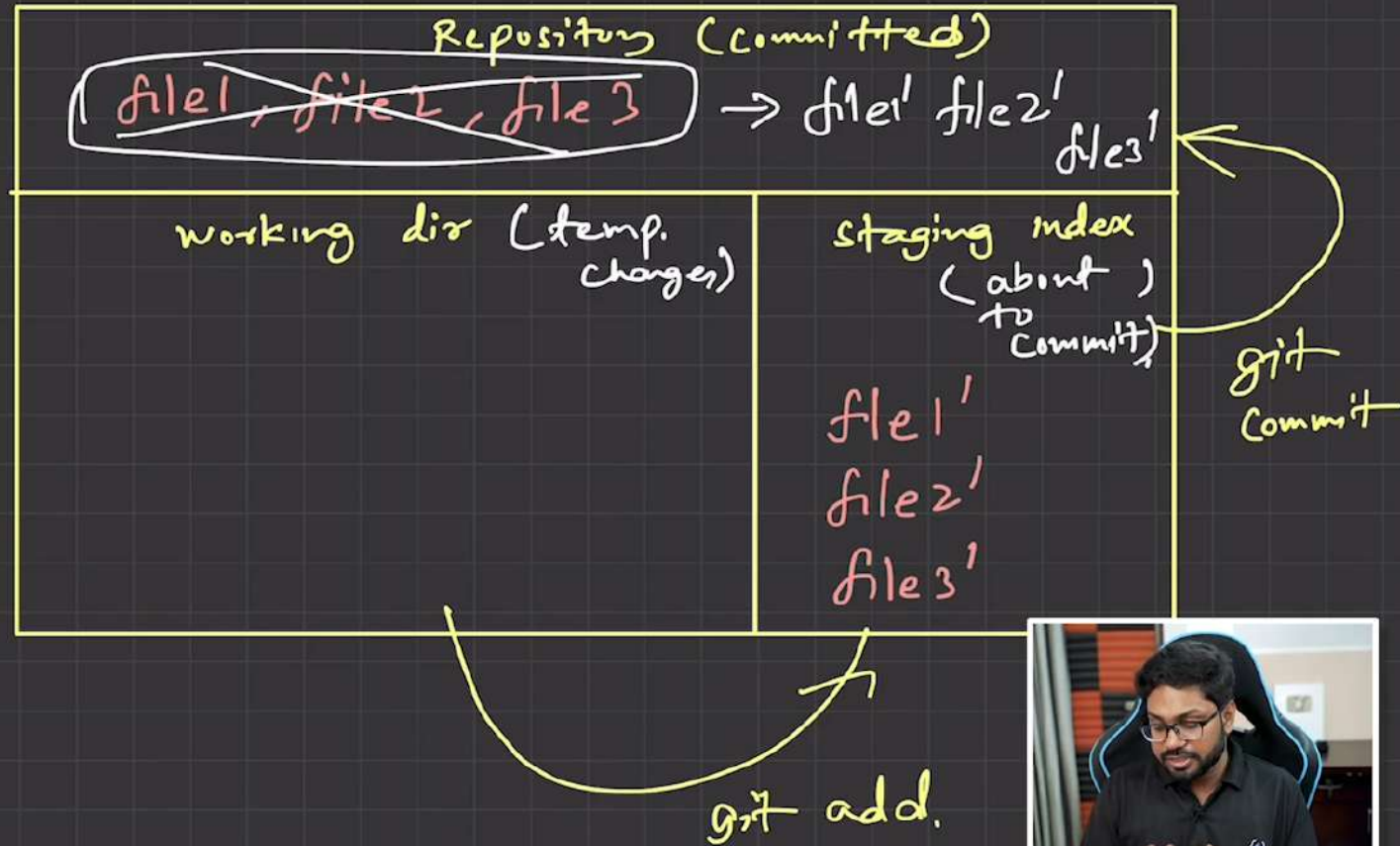




# Life Cycle of a Change

dot-dummy\_repo

- ① file1.js → file1'.js
- ② file2.js → file2'.js
- ③ file3.js → file3'.js



# Life Cycle of a Change

dot-dummy\_repo

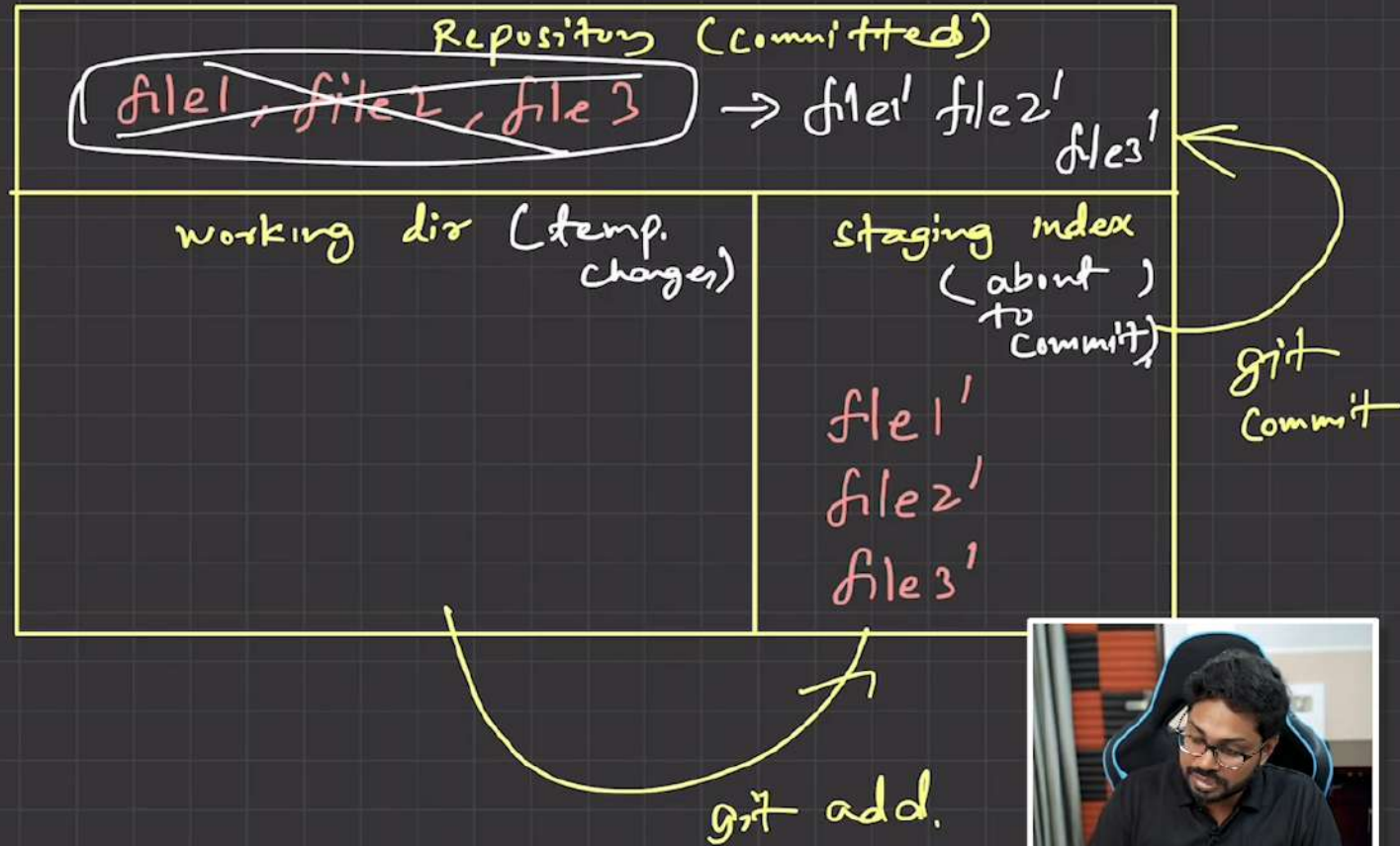
① file1.js → file1'.js

② file2.js → file2'.js

③ file3.js → file3'.js

file1.js → commit id.  
ABC

→ file1'.js → commit id.  
ABC2



# Review a Repo History

- `Git log`
- `Git log -p`
- `Git log -stat`
- `Git show`



# Review a Repo History

- Git log
- Git log -p
- Git log -stat
- Git show





```
lovebabbar@192 myBTP % git log
commit aa98a93f892954508f86e36d78a30324829729ef (HEAD -> master, origin/master, origin/HEAD)
Author: lakshayk12 <lakshayk12@yahoo.com>
Date: Thu Jun 13 14:02:34 2019 +0530

    saving log added

commit 542e8d81507757e4e5bd5dfbc061f06d11985293
Author: lakshayk12 <lakshayk12@yahoo.com>
Date: Sat May 25 16:22:07 2019 +0530

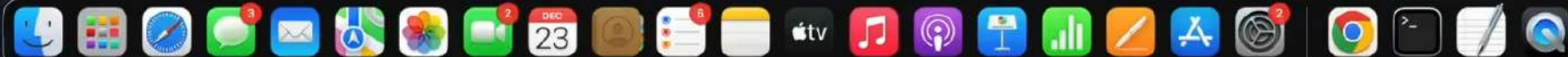
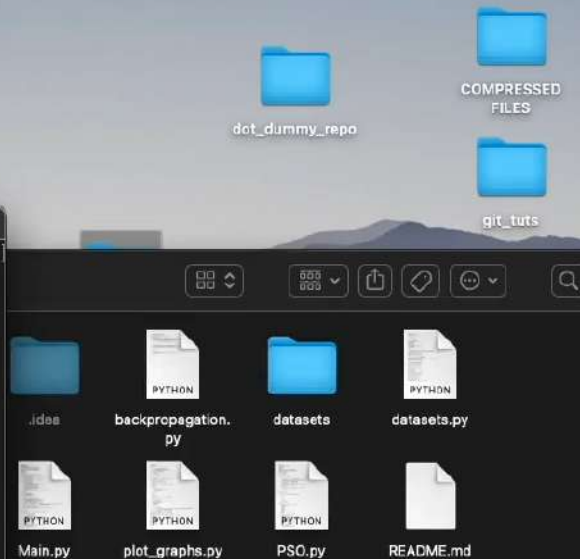
    saving log added

commit 7ab86f073be520a417b0641e8312801b3ec9ea65
Author: lakshayk12 <lakshayk12@yahoo.com>
Date: Sun May 19 21:44:55 2019 +0530

    saving log added

commit 472362c06e6a1f0cd43e38fc0e8da9d279dabd4a
Author: lakshayk12 <lakshayk12@yahoo.com>
Date: Wed Apr 24 11:29:51 2019 +0530

    saving log added
```

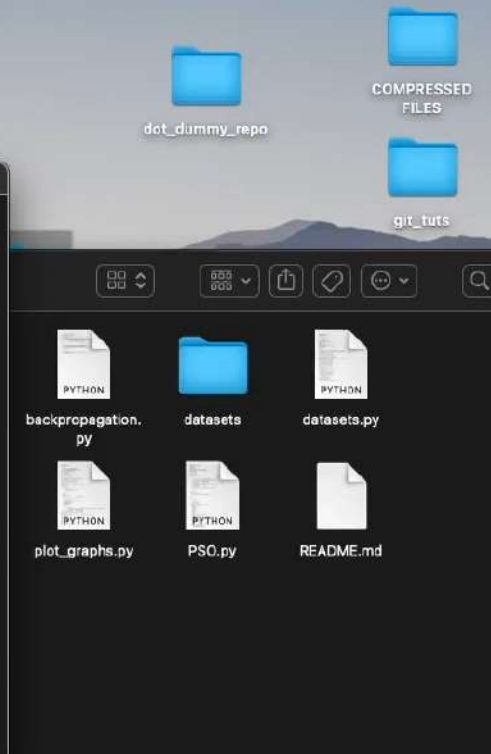


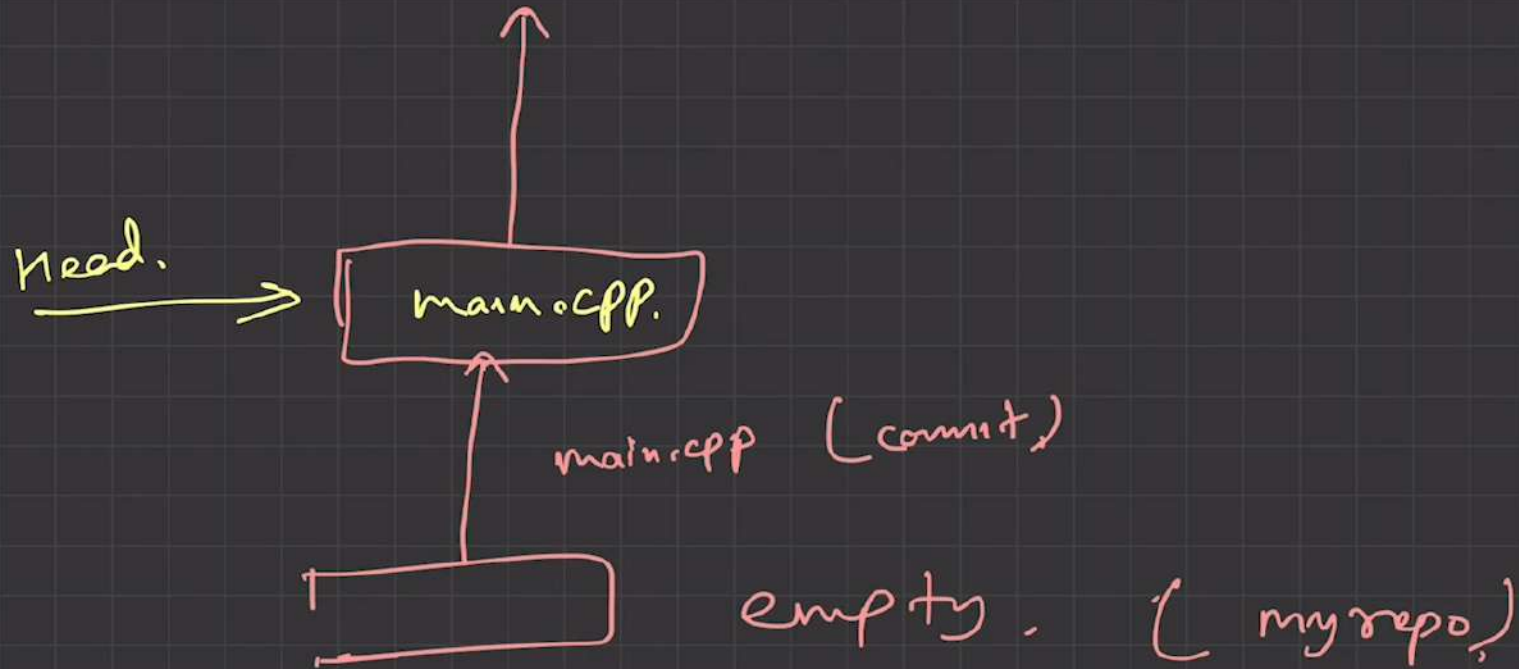


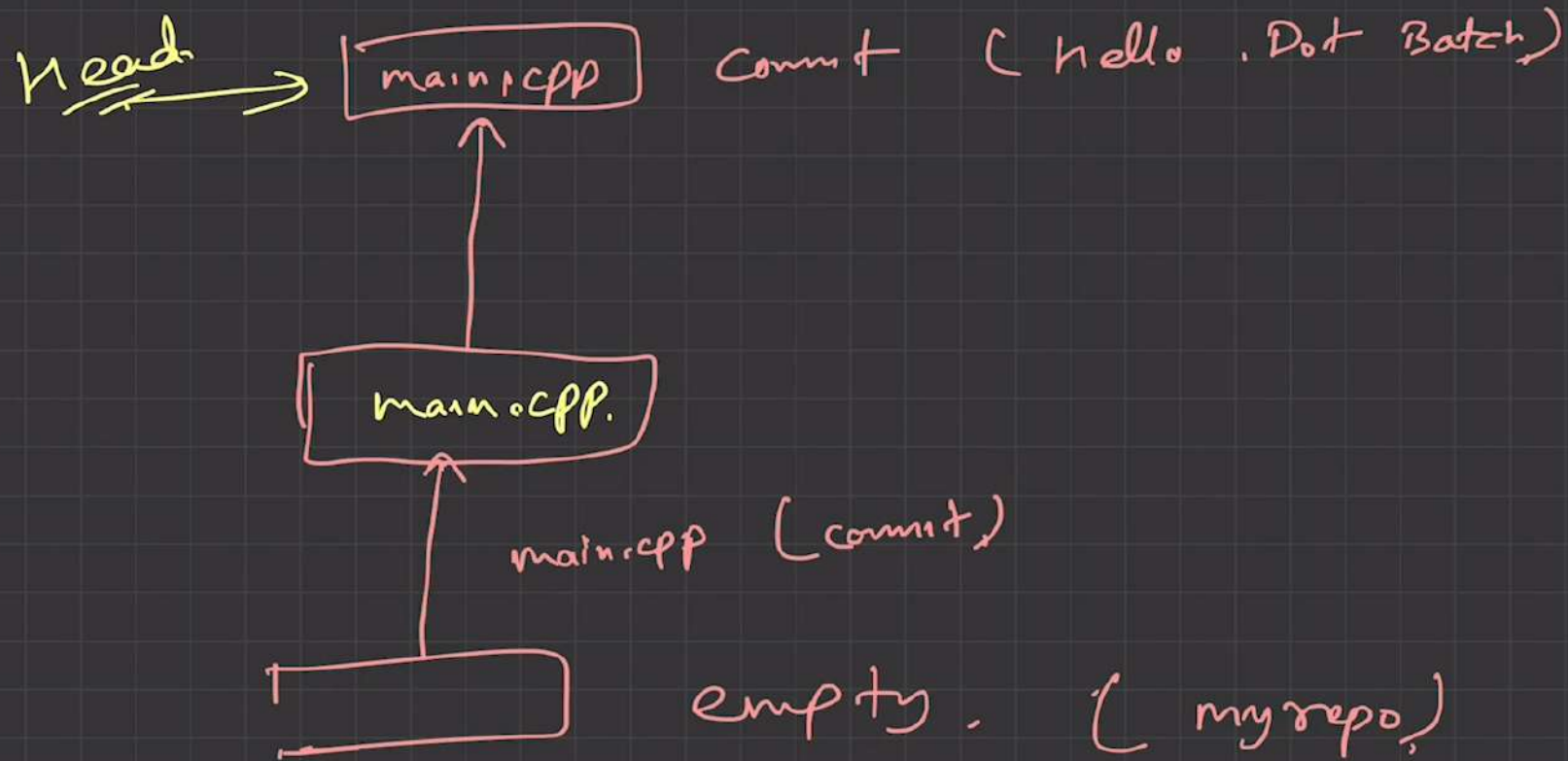
```

998a22b Final code after validation and penalty.
a40da09 Final code after validation and penalty.
e6cc48d Final code after validation and penalty.
06efbca Mis-classification error added.
2b8bb2f Penalty 2 needs to be added.
4538a29 Guess weight added (read to test) (v1.0)
d7beb03 Guess weight added (read to test) (v1.0)
a79a7d1 Guess weight added (read to test) (v1.0)
36668ca guess weight function (v1.0)
32dcc86 guess weight function (rows only)
89e5420 Different Transfer functions feature added
9e129a1 Different Transfer functions feature added
4609234 Verification not working
c4a819f working on Multi class
4506f9e working on multi class
6a7725a working on Multi class
eb042cb working on multi class
0d5d376 Dataset
891bb8e Regular push
f1d9cea PSO for binary classification done!
25e4264 PSO for binary classification done!
lovebabbar@192 myBTP % git log -stat
error: did you mean '--stat' (with two dashes)?
lovebabbar@192 myBTP % git log --stat

```









# Let's Make a Commit

git add → add file to track.  
└─ New file → add file to track.  
└─ old file → staging index

git commit

git add '.' → Not recommended

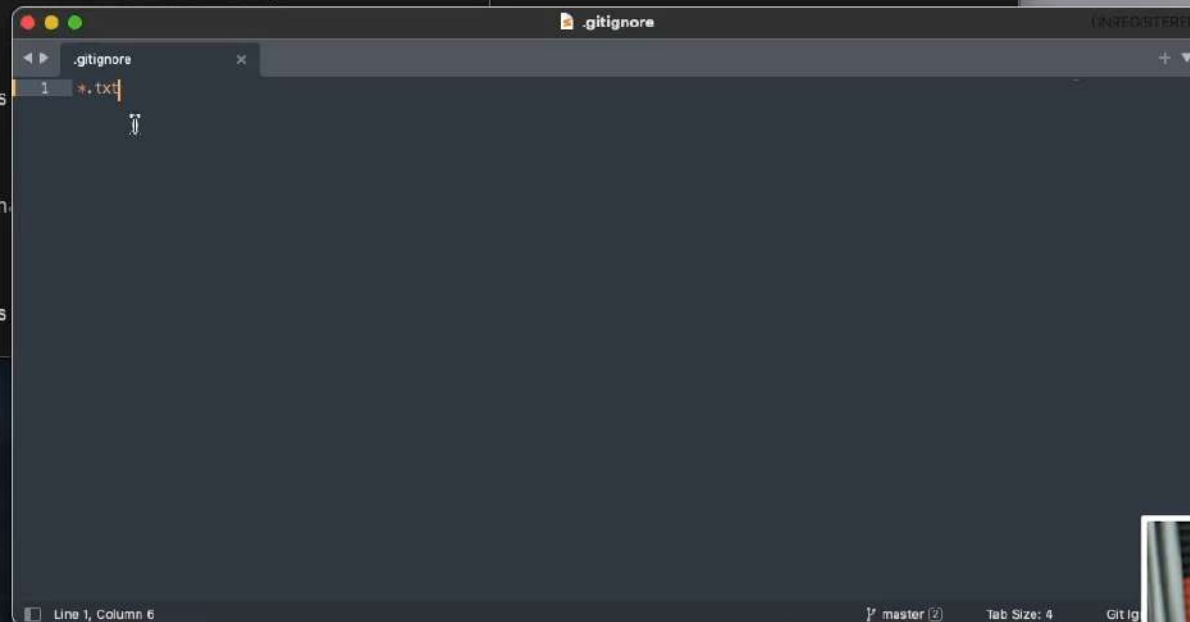
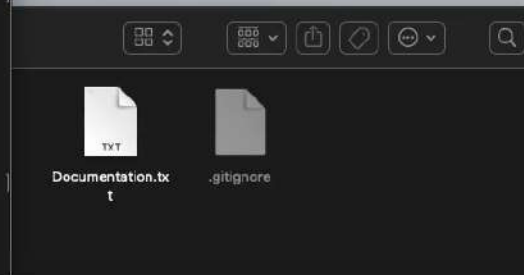


```
lovebabbar@192 myrepo % git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Documentation.txt

nothing added to commit but untracked files present (use "git add" to track)
lovebabbar@192 myrepo % git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .DS_Store
    .gitignore

nothing added to commit but untracked files present (use "git add" to track)
lovebabbar@192 myrepo % git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .DS_Store
    .gitignore

nothing added to commit but untracked files present (use "git add" to track)
lovebabbar@192 myrepo %
```



```
myrepo -- zsh -- 80x24
Author: Love Babbar <lovebabbar@192.168.0.215>
Date: Fri Dec 23 01:49:09 2022 +0530

adding git ignore file

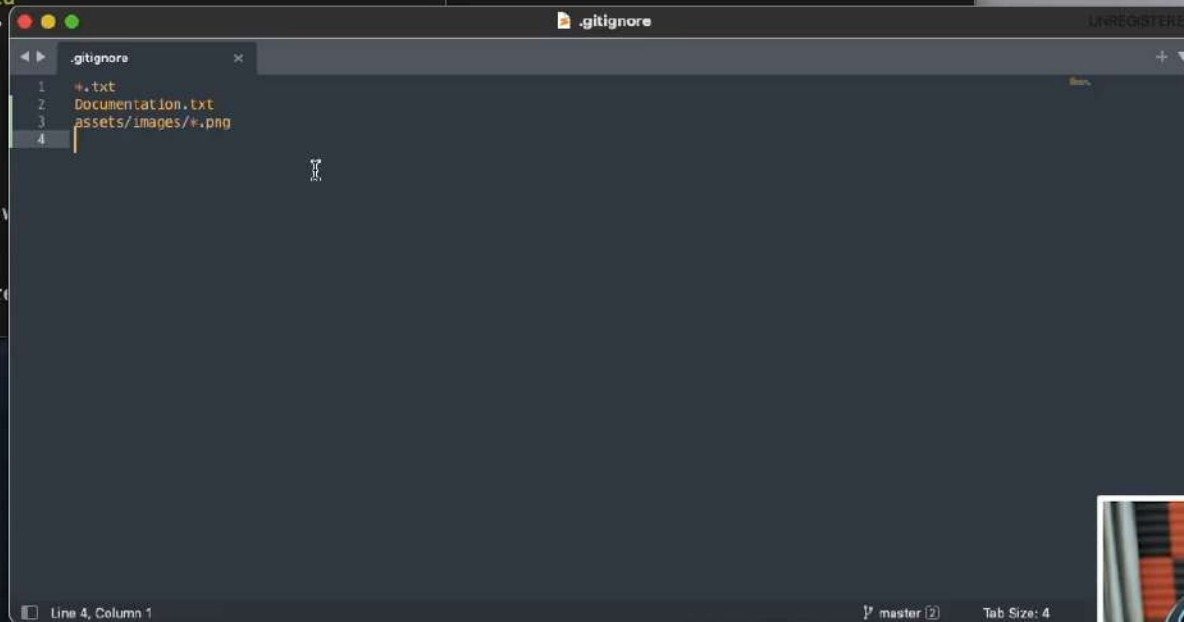
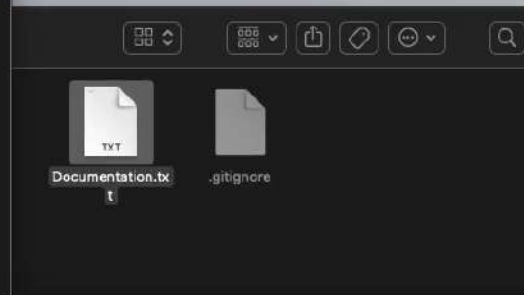
commit 30814b0da4ad9c55fd1c8160a93af3ce8915a3b6
Author: Love Babbar <lovebabbar@192.168.0.215>
Date: Fri Dec 23 01:36:32 2022 +0530

added hello .Dot batch

commit 73ff9cdddfacc23d13aa5e688c3e8543f7bea62a
Author: Love Babbar <lovebabbar@192.168.0.215>
Date: Fri Dec 23 01:32:34 2022 +0530

init main.cpp
lovebabbar@192 myrepo % git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .DS_Store

nothing added to commit but untracked files present
lovebabbar@192 myrepo %
```



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