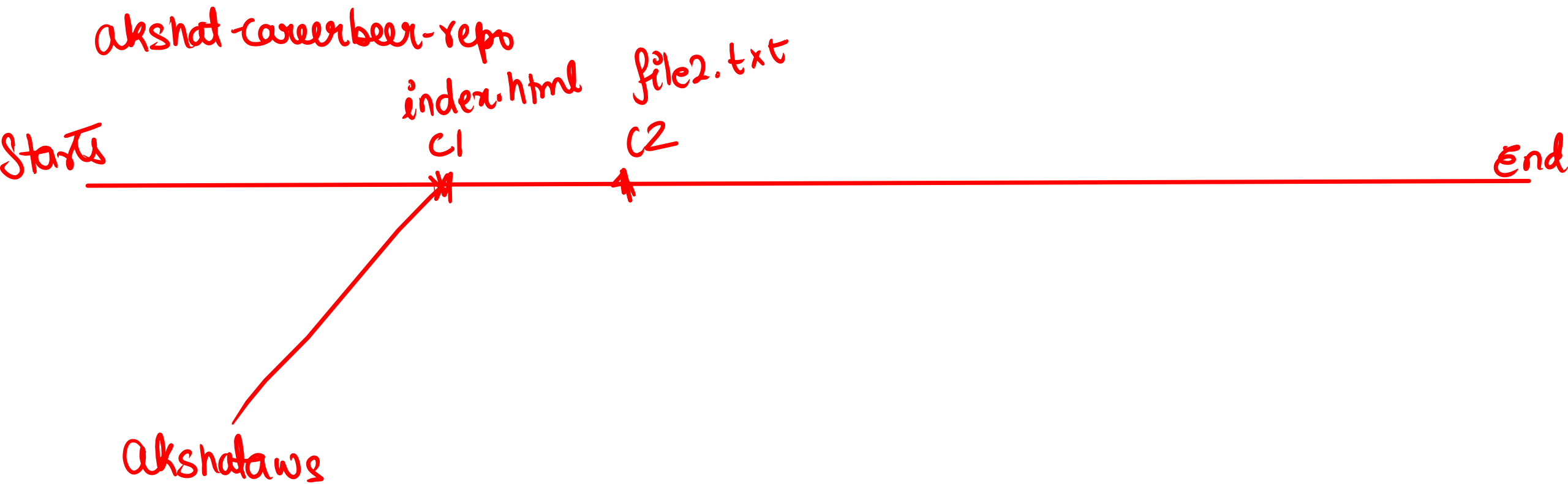
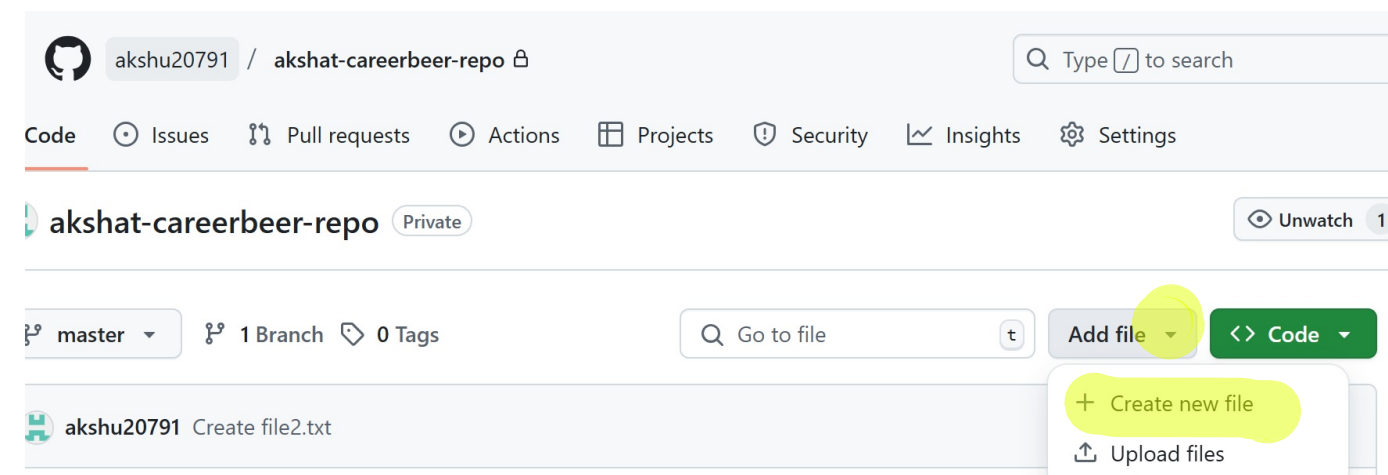


What happens if multiple developers are working on the same project



Go to your github repo

Create a new file from github repo with the name file2.txt



Akshataws is unaware that a new file i created in github. He is working locally ...

```
aksha@LAPTOP-SQEMF6TV MINGW64 ~/OneDrive/Desktop/pr
$ touch file1.txt

aksha@LAPTOP-SQEMF6TV MINGW64 ~/OneDrive/Desktop/pr
$ git add file1.txt

aksha@LAPTOP-SQEMF6TV MINGW64 ~/OneDrive/Desktop/pr
$ 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)
        new file:   file1.txt

aksha@LAPTOP-SQEMF6TV MINGW64 ~/OneDrive/Desktop/pr
$ git commit -m"file1 created"
[master 2a34c4d] file1 created
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file1.txt

aksha@LAPTOP-SQEMF6TV MINGW64 ~/OneDrive/Desktop/pr
$ ls
file1.txt  index.html

aksha@LAPTOP-SQEMF6TV MINGW64 ~/OneDrive/Desktop/pr
$ |
```

Akshat laptop  
he is not aware that a  
developer has created a file on github.

# akshataws thought of pushing the code to github

```
aksha@LAPTOP-SQEMF6TV MINGW64 ~/OneDrive/Desktop/project-code (master)
$ git push -u origin master
To https://github.com/akshu20791/akshat-careerbeer-repo
! [rejected]        master -> master (fetch first)
error: failed to push some refs to 'https://github.com/akshu20791/akshat-careerbeer-repo'
hint: Updates were rejected because the remote contains work that you do not
hint: have locally. This is usually caused by another repository pushing to
hint: the same ref. If you want to integrate the remote changes, use
hint: 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
```

github

(Remote)  
→ github has  
some commits  
which is not done  
locally  
(~~is~~ the commit is  
not present in  
laptop)

REMEMBER !! LOCAL NEED TO HAVE EXACTY SAME COMMITS AS  
YOUR GITHUB  
SO WE NEED TO FIRST PULL THE CODE FROM GITHUB REPO THEN  
ONLY SHOULD PULL

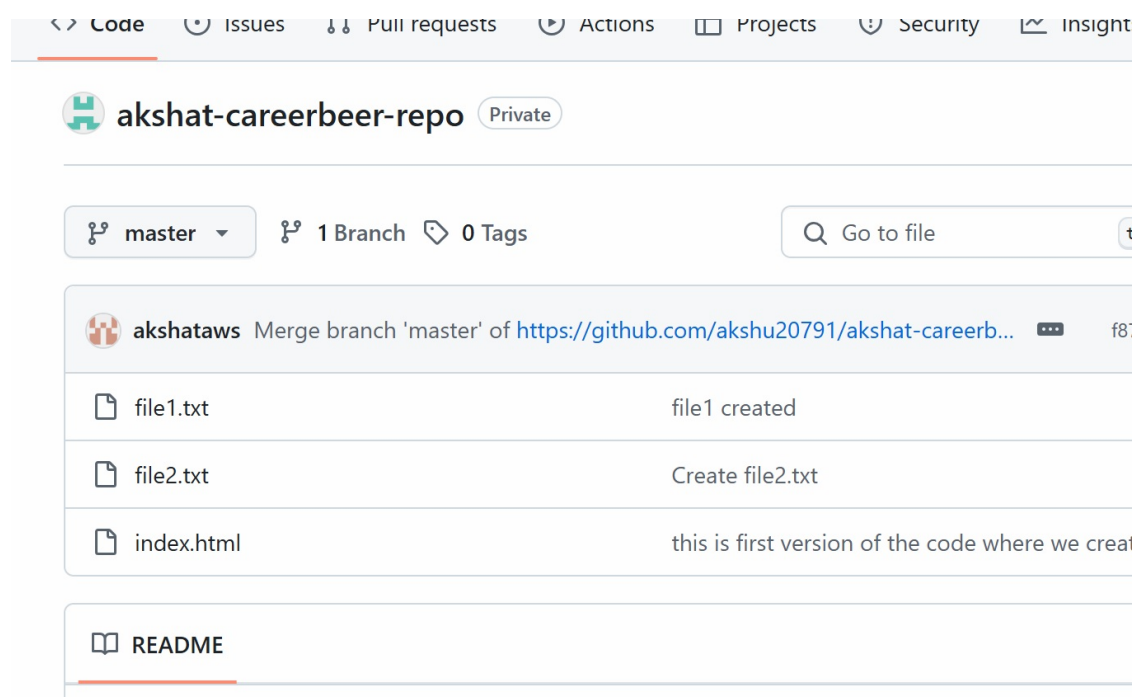
git pull

a pop will appear  
press esc :wq

```
$ ls
file1.txt  file2.txt  index.html
```

```
AKSHAT@LAPTOP-SQEMPTV-MINGW04:~/OneDrive/Desktop/project-code (mas
$ git push -u origin master
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 610 bytes | 305.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/akshu20791/akshat-careerbeer-repo
 78c6207..f87b413  master -> master
branch 'master' set up to track 'origin/master'.
```

NOW WE WILL NOT GET THE ERROR BECAUSE WE HAVE UPDATED OUR LOCAL REPOSITORY



The screenshot shows the GitHub interface for a repository named 'akshat-careerbeer-repo'. The repository is marked as 'Private'. The current branch is 'master', and there is 1 branch and 0 tags. A merge commit is shown, titled 'Merge branch 'master' of https://github.com/akshu20791/akshat-careerb...'. The commit message is 'f87b413'. The commit includes three files: 'file1.txt' (file1 created), 'file2.txt' (Create file2.txt), and 'index.html' (this is first version of the code where we creat). A 'README' file is also listed.