**COMPLES ERRORS OR CONFLICT ERRORS :**

when conflicts happens means ,

if we edit same file in two branches and merge that case complex will happen

--> Suppose file1 is there in master branch if i create the new branch from from master1 that file1 also will store into the master1 branch so my developers will do modification in master branch and master1 branch if they do merge in that time conflicts will raise.

under master branch

mkdir file1 file2

to edit file ,

vi file1

hello devops

wq!

under master1 branch

git branch

file1 file2

vi file1 ----------> again we are doing the modification in same file under the master1

hello devops

hello java

:wq!

>> git add .

git commit -m "label message"

git log , cat file1

now if do merging mater1 into master then data will be merge , but now what i am doing is again i am going back to master branch and same file again i will modify and add and commit now if i merge master into master1 branch or master1 branch into master conflicts errors will happen.

**CAT :**

if i want to read any file in linux the command is , cat filename

touch f1 f2 f3 f4

cat > f1

hello devops

ctrl+d

cat d6

hello devops

CAT APPEND :

cat >> f1 ---------> >> denotes appending the data

welcome to devops

ctrl + d

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**Branches ,**

--> Once we get conflicts in any file then we have to resolve that issues manually , we have to resolve that file and add and commit ,

>>If we get conflict wrrors it will display error like **master | MERGING** even it will display filename also in which conflicts happen

>>Here we are not using automate merge

HOW TO RESOLVE CONFLICTS :

If you dont know how to resolve the issue then you can directly skip from there , the command is , **$git merge --abort** , if you hit this command you will enter into master branch from that conflict.

**how to resolve conflicts ,**

vi filename --------> give conflict filename

we have to delete unnecessary data , this things will do by developer