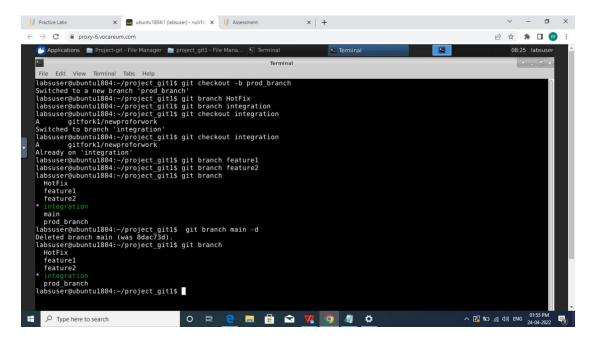
Git and GitHub Training

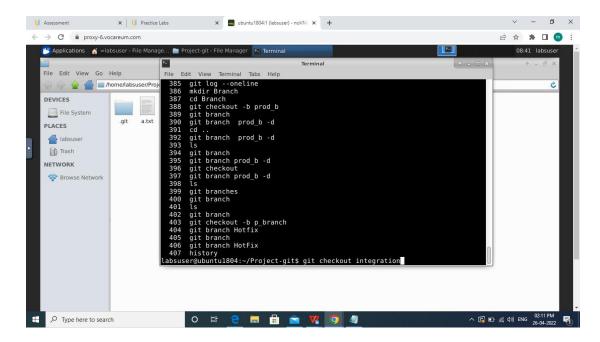
Branching Development Model Project 1

Steps to perform:

- 1. Start with the Production branch (master branch), and then create a HotFix and Integration branch
- 2. Subsequently, create Feature 1 and 2 branches that integrate to the Integration branch as shown in the below figure

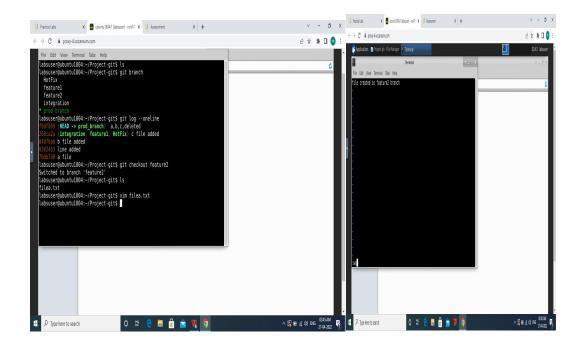


Experiments on this branches so some commit id's are created



3. Commit some changes in the Feature 2 branch and merge it into the Integration branch. Delete this branch once merging is complete

3.1 Created a file in feature 2 branch



3.2 Commit the changes in a file

```
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```

3.3 merge it into the Integration branch

3.4 Delete this branch once merging is complete

4 Commit some changes in the Feature 1 branch and rebase it to the Integration branch

4.1 edit the file then commit the changes in feature1

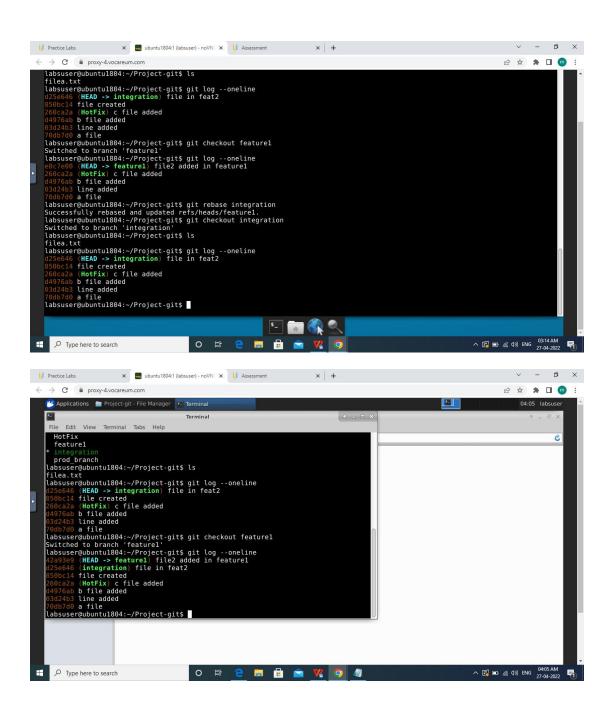
```
Hoffix

Hoffix

featurel

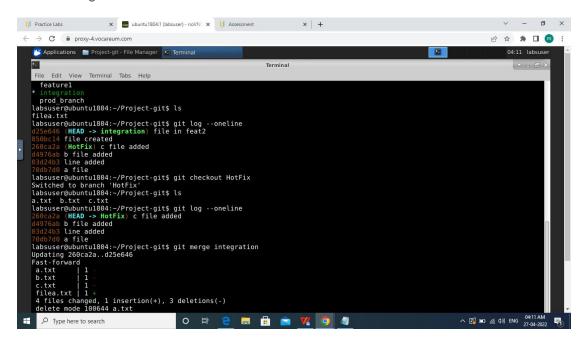
*integration
prod branch
labsuser@ubuntul804:-/Project-git$ git checkout featurel
Switched to branch 'featurel'
labsuser@ubuntul804:-/Project-git$ git log --oneline
266c22 (HEAD -> featurel, Hoffix) c file added
d4976ab b file added
30324b3 line added
1 absuser@ubuntul804:-/Project-git$ git status
On branch featurel
labsuser@ubuntul804:-/Project-git$ git status
On branch featurel
labsuser@ubuntul804:-/Project-git$ set file2.txt
welcome featurel
labsuser@ubuntul804:-/Project-git$ add .
labsuser@ubuntul804:-/Project-git$ git commit -m "file2 added in featurel"
[featurel e0c7e00] file2 added in featurel
1 file changed, 1 insertion(+) create mode 100644 file2.txt
labsuser@ubuntul804:-/Project-git$ git log --oneline
e0c7e00 (HEAD -> featurel) file2 added in featurel
200ca2a (Hoffix) c file added
d4976ab b file added
03d24b3 line added
70d47db a file
labsuser@ubuntul804:-/Project-git$ git log --oneline
e0c7e00 (HEAD -> featurel) file2 added
d4976ab b file added
03d24b3 line added
70d47db a file
labsuser@ubuntul804:-/Project-git$ git log --oneline
e0c7e00 (HEAD -> featurel) file2 added
d4976ab b file added
03d24b3 line added
70d47db a file
labsuser@ubuntul804:-/Project-git$ git log --oneline
e0c7e00 (HEAD -> featurel) file2 added
d4976ab b file added
03d24b3 line added
70d47db a file
labsuser@ubuntul804:-/Project-git$ git log --oneline
e0c7e00 (HEAD -> featurel) file2 added
03d24b3 line added
70d47db a file
labsuser@ubuntul804:-/Project-git$ git log --oneline
e0c7e00 (HEAD -> featurel) file2 added
03d24b3 line added
70d47db a file
```

4.2 rebase it to the Integration branch

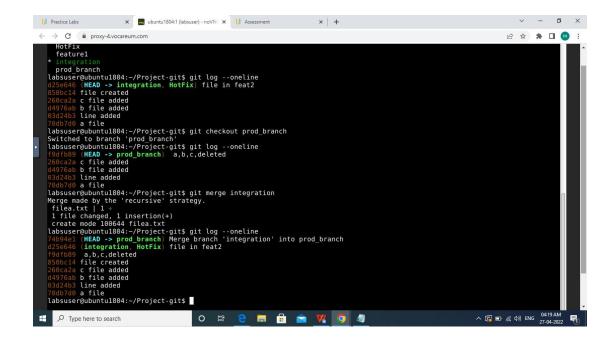


5 Merge the Integration branch into Hotfix and Production branch to update these branches

5.1 merge into HotFix branch

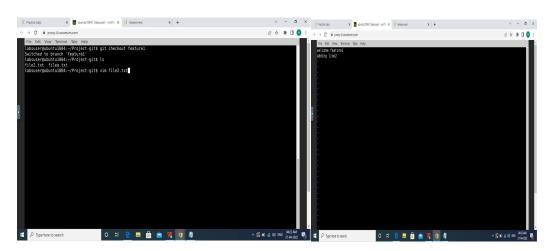


5.2 merge into production branch

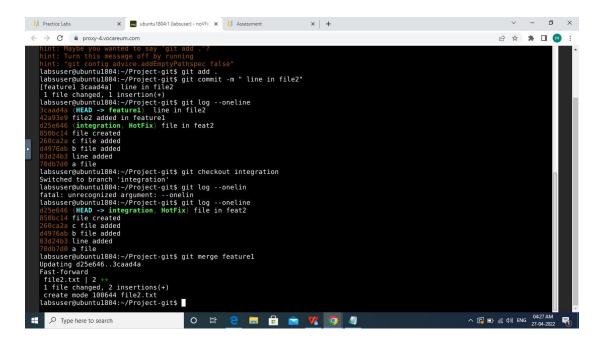


6.Commit some changes in Feature 1 branch, and then merge it into Integration, Hotfix, and Production branch. Delete this branch once merging is complete

6.1 edit a file in feature1

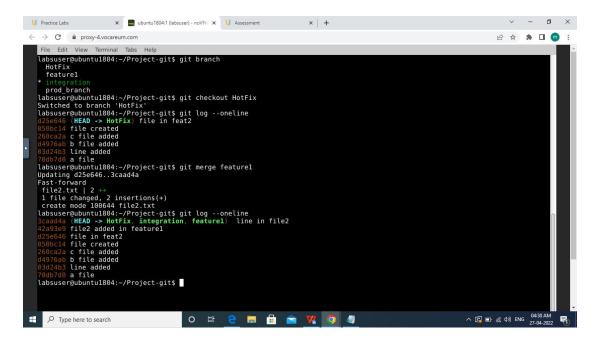


6.2 commit the changes in feature 1

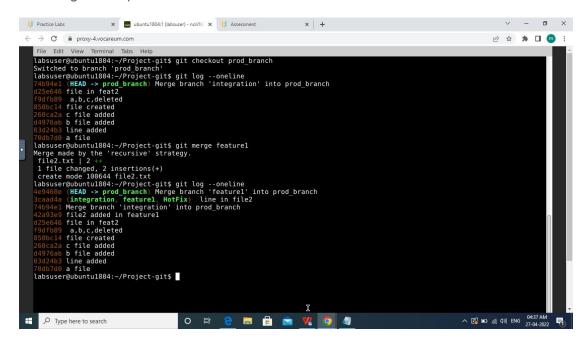


6.3 merge it into Integration,

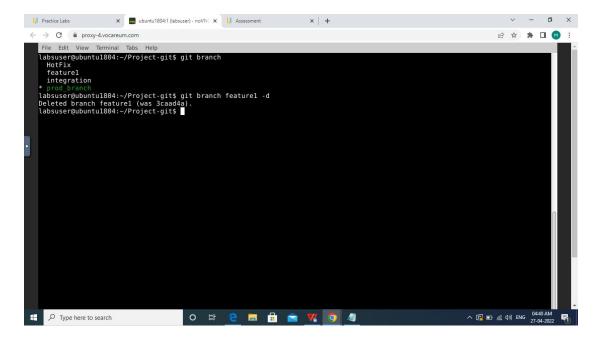
6.4 merge it into HotFix branch



6.5 merge it into production branch



6.6 delete the branch feature1

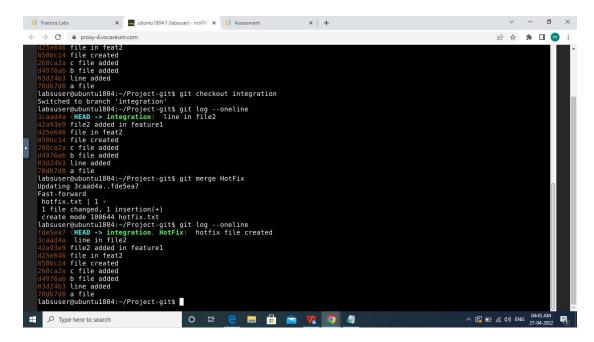


7 Commit some changes in the Hotfix branch and merge it into the Production as well as the Integration branch

7.1 commit some changes in hotfix

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```

7.2merge it into the integration branch



7.3 merge it into the Production

