***Make changes on a feature branch***

Start location in Bash / cmd: E:\Users\kunal.haria\Git\Catena\

STEP 1/12 git pull origin master ensure local master is up to date

STEP 2/12 git checkout -b kunal-feature-branch

Sense check:

git branch list out the branches in my local repo

\* kunal-feature-branch place a \* before the branch that is checked out.

master

STEP 3/12 Make editions in the LOCAL folder

STEP 4/12 git add .

Sense check:

git status

On branch kunal-feature-branch

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

new file: Catena useful udfs\_1\_0\_0.R

STEP 5/12 git commit -m "adding udfs"

STEP 6/12 git push origin testKH-feature-branch

STEP 7/12 Merge via Github:

<https://github.com/gcmgit/Catena/compare/master...testKH-feature-branch>

STEP 7a/12 Click on the button <create pull request>

STEP 7b/12 Optional to add a comment.

STEP 7c/12 Click on the button <create pull request>

STEP 7d/12 Click on the button <merge pull request>

STEP 7e/12 Click on the button <confirm merge>

STEP 7f/12 Click on the button <delete branch>

**Delete the now defunct branch locally**

STEP 8/12 git pull origin master update Fast-forward

Sense check:

git branch -a

\* kunal-feature-branch

master

remotes/origin/HEAD -> origin/master

remotes/origin/kunal-feature-branch

remotes/origin/master

STEP 9a/12 git remote prune origin --dry-run lists branches that can be deleted/pruned on local.

STEP 9b/12 git remote prune origin actually delete/prune on local.

Sense check:Local branch still to be deleted

git branch -a

\* kunal-feature-branch

master

remotes/origin/HEAD -> origin/master

remotes/origin/master

STEP 10/12 git checkout master

STEP 11/12 git pull origin

STEP 12/12 git branch -d kunal-feature-branch delete

Sense check:

git branch -a

\* master

remotes/origin/HEAD -> origin/master

remotes/origin/master