DSCI522 Individual Assignment 1

Commit History of GitHub Repository: https://github.com/JiaQuanLim/learning-about-version-control/commits/main/

Screenshots of resolved merge conflict

```
(base) jiaquanlim@dhcp-206-87-122-249 ~/UBC_MDS/block_3/001_522_dsci-workflows/individual_assignment1/learning-about-version-
control (main *)
$ git add README.md

(base) jiaquanlim@dhcp-206-87-122-249 ~/UBC_MDS/block_3/001_522_dsci-workflows/individual_assignment1/learning-about-version-
control (main +)
$ git commit -m 'Local Update README.md'
[main 3a1eabf] Local Update README.md
 1 file changed, 2 insertions(+)

(base) jiaquanlim@dhcp-206-87-122-249 ~/UBC_MDS/block_3/001_522_dsci-workflows/individual_assignment1/learning-about-version-
control (main)
$ git push origin main
To github.com:JiaQuanLim/learning-about-version-control.git
 ! [rejected]        main -> main (fetch first)
error: failed to push some refs to 'github.com:JiaQuanLim/learning-about-version-control.git'
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
$ git push origin main
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hint: See the 'Note about fast-forwards' in 'git push --help' for details.

(base) jiaquanlim@dhcp-206-87-122-249 ~/UBC_MDS/block_3/001_522_dsci-workflows/individual_assignment1/learning-about-version-
control (main)
$ git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 995 bytes | 199.00 KiB/s, done.
From github.com:JiaQuanLim/learning-about-version-control
   515856c..283cfb8  main        -> origin/main
hint: You have divergent branches and need to specify how to reconcile them.
hint: You can do so by running one of the following commands sometime before
hint: your next pull:
hint:
hint:   git config pull.rebase false  # merge
hint:   git config pull.rebase true   # rebase
hint:   git config pull.ff only       # fast-forward only
hint:
hint: You can replace "git config" with "git config --global" to set a default
hint: preference for all repositories. You can also pass --rebase, --no-rebase,
hint: or --ff-only on the command line to override the configured default per
hint: invocation.
fatal: Need to specify how to reconcile divergent branches.
```

Working in a branch-pull-request workflow is beneficial because it helps to maintain the main branch by allowing changes to be reviewed and tested separately before merging. This process promotes better collaboration as team members can provide feedback, catch potential issues, and ensure that the code works which in return reduces the risk of introducing errors directly into the main code base.