Reproducibility, Versioning, Performance

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June 7, 2024

Questions

1. Make your own repo and submit link with commit history
   - Link to a YT video
   - Make you own repo and submit link with commit history
2. Creating CI/CD Pipeline using GitHub Actions for Python Project.
   - Link to a YT video
   - Make you own repo and submit repo link & deployment link
3. Complete first three levels (Introduction Sequence, Ramping Up and Moving Work Around)
   - learngitbranching.
   - Submit solutions.

Answers

1. Github repo with commit history.
2. Github Repo that keeps track of my latex files, and builds them when I push changes. It uses GitHub actions.
3. Solutions (Providing only the commands as I don't know how to share it another way.)
   - Introduction Sequence Answers
     (a) `git commit`
     `git commit`
     (b) `git checkout -b bugFix`

(c)
```
git checkout -b bugFix
git commit
git checkout main
git commit
git merge
```

(d)
```
git checkout -b bugFix
git commit
git checkout main
git commit
git checkout bugFix
git rebase main
```

- Ramping Up

(a) `git checkout C4`

(b) `git checkout bugFix^`

(c)
```
git checkout HEAD^
git branch -f bugFix HEAD^
git branch -f main C6
```

- Moving Work Around

(a)
```
git reset HEAD^
git checkout pushed
git revert HEAD
```

(b) `git cherry-pick C3 C4 C7`

(c) `git rebase -i overHere`