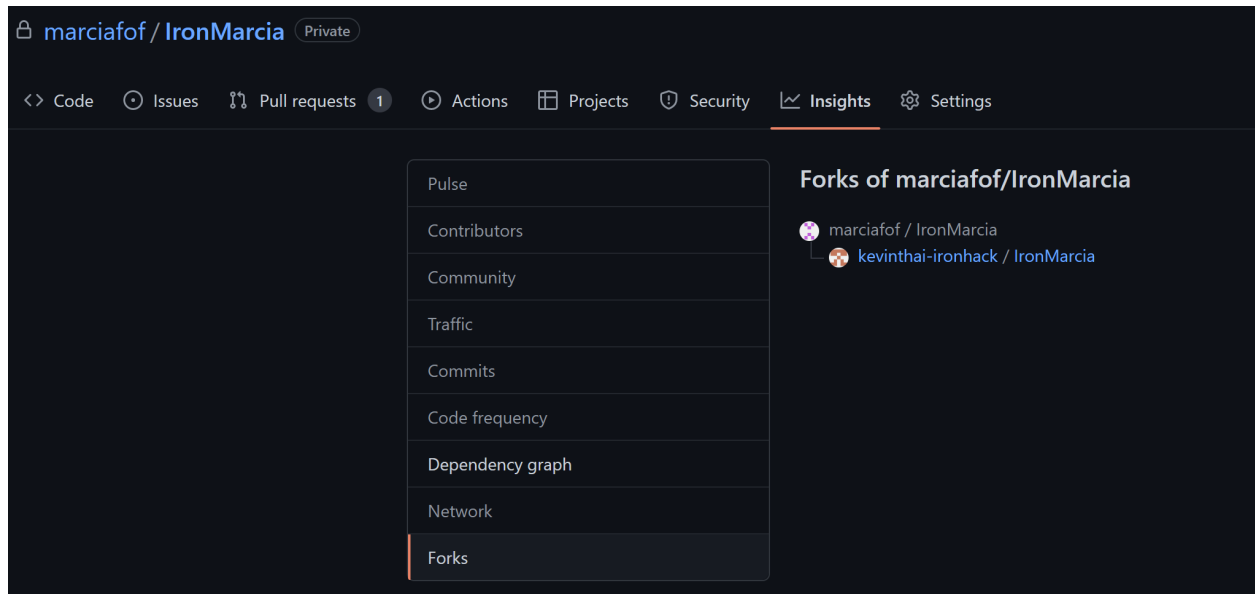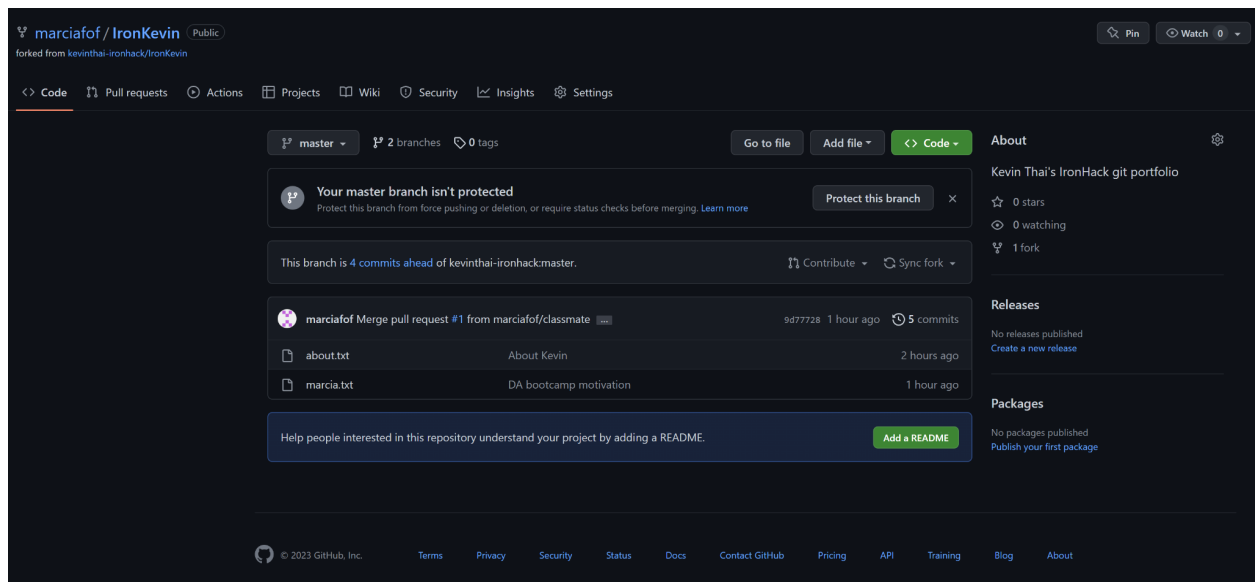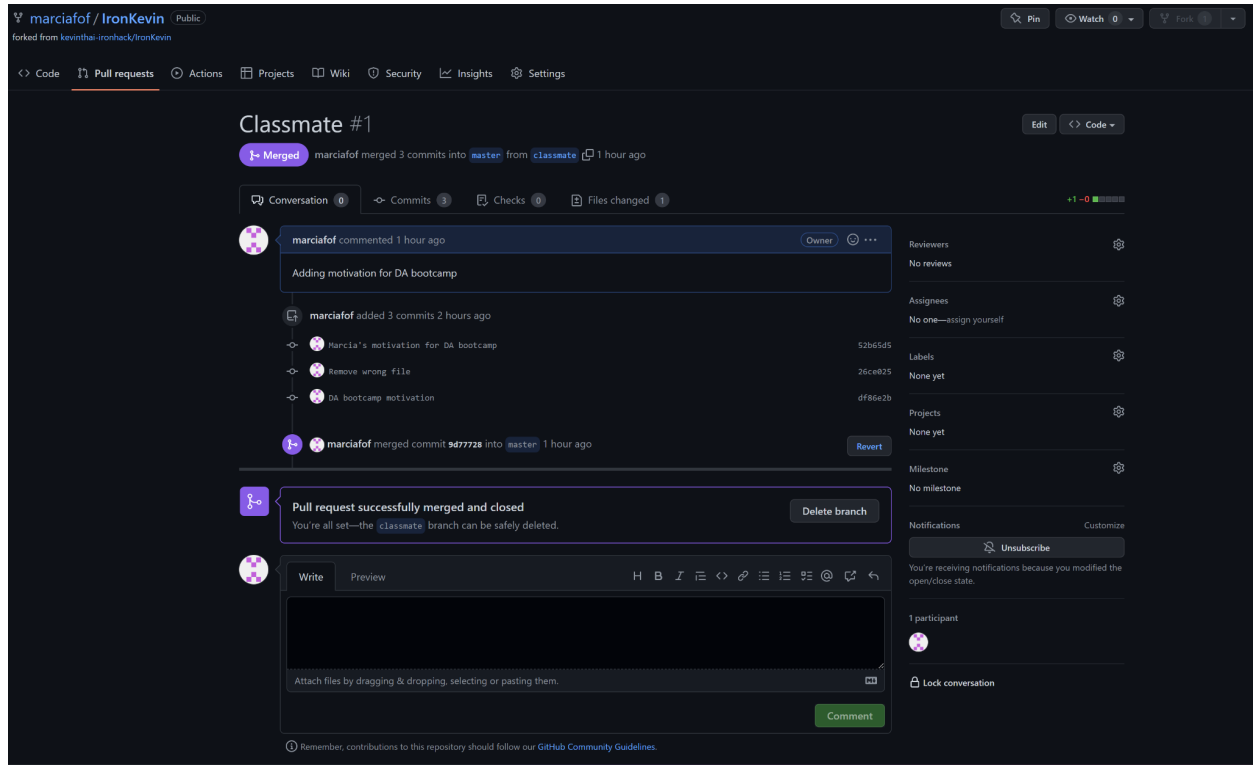Creating a repository and sharing with classmates

Forking a classmate's repository and working on merge request

Link: https://github.com/marciafof/IronKevin

WORKING WITH GIT MERGE CONFLICTS

```
marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main
$ mkdir git-merge-testing

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main
$ cd git-merge-testing/

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
$ git init .
Initialized empty Git repository in G:/My
Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing/.git/

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master)
$ echo "this is some content to go to file">merging.twt

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master)
$ mv merging.twt merging.txt

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master)
$ git add merging.txt
```

```
warning: in the working copy of 'merging.txt', LF will be replaced by CRLF the
next time Git touches it

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master)
$ git commit -am "This is the initial content"
[master (root-commit) 40c0124] This is the initial content
 1 file changed, 1 insertion(+)
 create mode 100644 merging.txt

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master)
$ git checkout -b new_branch_to_merge_later
Switched to a new branch 'new_branch_to_merge_later'

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(new_branch_to_merge_later)
$ echo "totally different content" > merging.txt

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(new_branch_to_merge_later)
$ git commit -am "edited the content of merging.txt to cause a conflict"
warning: in the working copy of 'merging.txt', LF will be replaced by CRLF the
next time Git touches it
[new_branch_to_merge_later 3cc560c] edited the content of merging.txt to cause
a conflict
 1 file changed, 1 insertion(+), 1 deletion(-)

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(new_branch_to_merge_later)
$ git status
On branch new_branch_to_merge_later
nothing to commit, working tree clean

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(new_branch_to_merge_later)
$ git checkout main
error: pathspec 'main' did not match any file(s) known to git

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(new_branch_to_merge_later)
$ git checkout master
Switched to branch 'master'

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master)
$ echo "content to append" >> merging.txt

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master)
$ git commit -am "appended content"
warning: in the working copy of 'merging.txt', LF will be replaced by CRLF the
next time Git touches it
[master c03322d] appended content
 1 file changed, 1 insertion(+)
```

```
marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master)
$ git merge new_branch_to_merge_later
Auto-merging merging.txt
CONFLICT (content): Merge conflict in merging.txt
Automatic merge failed; fix conflicts and then commit the result.

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master|MERGING)
$ git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
        both modified:   merging.txt

no changes added to commit (use "git add" and/or "git commit -a")

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master|MERGING)
$ tig

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master|MERGING)
$ cat merging.txt
<<<<<<< HEAD
this is some content to go to file
content to append
=======
totally different content
>>>>>>> new_branch_to_merge_later

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master|MERGING)
$ vim merging.txt

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master|MERGING)
$

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master|MERGING)
$ vi merging.txt

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master|MERGING)
$ vi merging.txt

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master|MERGING)
$ vi merging.txt
```

```
marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master|MERGING)
$ vi merging.txt

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master|MERGING)
$ git add merging.txt

marci@MO MINGW64 /g/My Drive/COURSES/IRONHACK/DAnalytics/Main/git-merge-testing
(master|MERGING)
$ git commit -am "merged and resolved the conflict in merging.txt"
[master df56a42] merged and resolved the conflict in merging.txt
```