

컴퓨터공학실험1 5주차 과제

전공: 컴퓨터공학과

학년: 2

학번: 20191559

이름: 강상원

1. 3개 이상의 브랜치를 작성하고 각 브랜치에서 내용을 수정하여 commit하여라

```
~/Documents/github branch1
> vi hello.txt

~/Documents/github branch1*
> git add hello.txt

~/Documents/github branch1*
> git commit -m "branch1commit"
[branch1 25d6f80] branch1commit
1 file changed, 1 insertion(+)
create mode 100644 hello.txt

~/Documents/github branch1
> git push origin branch1
오브젝트 나열하는 중: 8, 완료.
오브젝트 개수 세는 중: 100% (8/8), 완료.
Delta compression using up to 8 threads
오브젝트 압축하는 중: 100% (5/5), 완료.
오브젝트 쓰는 중: 100% (7/7), 742 bytes | 742.00 KiB/s, 완료.
Total 7 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
remote:
remote: Create a pull request for 'branch1' on GitHub by visiting:
remote:   https://github.com/kevink1113/comsil_5_github/pull/new/branch1
remote:
To https://github.com/kevink1113/comsil_5_github.git
 * [new branch]      branch1 -> branch1

~/Documents/github branch2
> vi hello.txt

~/Documents/github branch2* 31s
> git add hello.txt

~/Documents/github branch2*
> git commit -m "branch2commit"
[branch2 dbe941e] branch2commit
1 file changed, 1 insertion(+)

~/Documents/github branch2
> git push origin branch2
오브젝트 나열하는 중: 5, 완료.
오브젝트 개수 세는 중: 100% (5/5), 완료.
Delta compression using up to 8 threads
오브젝트 압축하는 중: 100% (2/2), 완료.
오브젝트 쓰는 중: 100% (3/3), 304 bytes | 304.00 KiB/s, 완료.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'branch2' on GitHub by visiting:
remote:   https://github.com/kevink1113/comsil_5_github/pull/new/branch2
remote:
To https://github.com/kevink1113/comsil_5_github.git
 * [new branch]      branch2 -> branch2

~/Documents/github branch2
> git branch branch3

~/Documents/github branch2
> vi hello.txt

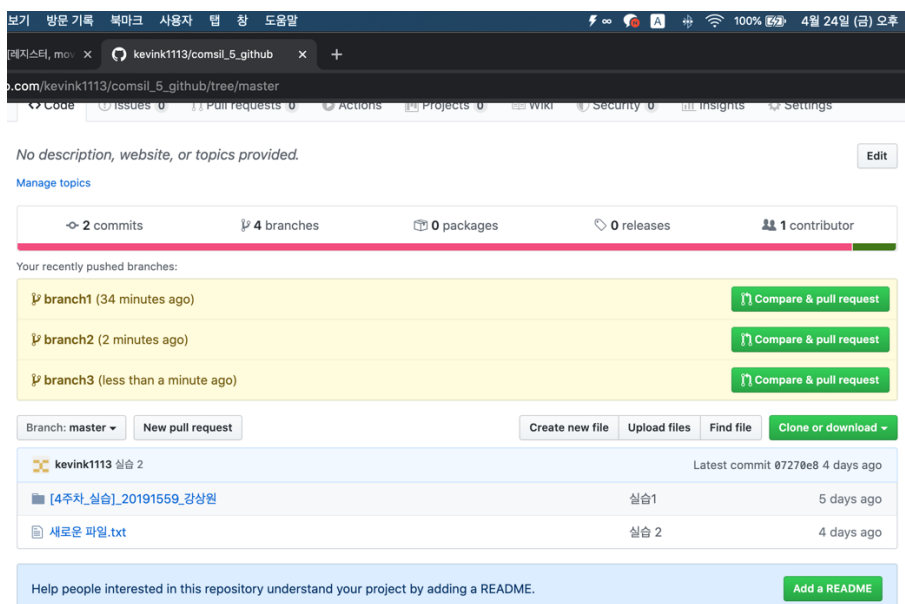
~/Documents/github branch2* 13s
> git add hello.txt

~/Documents/github branch2*
> git commit -m "branch3commit"
[branch2 833c9ef] branch3commit
1 file changed, 1 insertion(+)

~/Documents/github branch2
> git push origin branch3
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'branch3' on GitHub by visiting:
remote:   https://github.com/kevink1113/comsil_5_github/pull/new/branch3
remote:
To https://github.com/kevink1113/comsil_5_github.git
 * [new branch]      branch3 -> branch3

~/Documents/github branch2
>
```

순서대로 branch1, branch2, branch3 생성
+ 파일 변경사항 만들기



GitHub 사이트서 생성된 branch 확인

2. 모든 브랜치를 master 브랜치로 병합(merge)할 것.

```
~/Documents/github branch2
> git checkout master
'master' 브랜치로 전환합니다

~/Documents/github master
> git merge branch1
업데이트 중 f191ce7..25d6f80
Fast-forward
 hello.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 hello.txt

~/Documents/github master
> git merge branch2
업데이트 중 25d6f80..833c9ef
Fast-forward
 hello.txt | 2 ++
 1 file changed, 2 insertions(+)

~/Documents/github master
> git merge branch3
이미 업데이트 상태입니다.

~/Documents/github master
> |
```

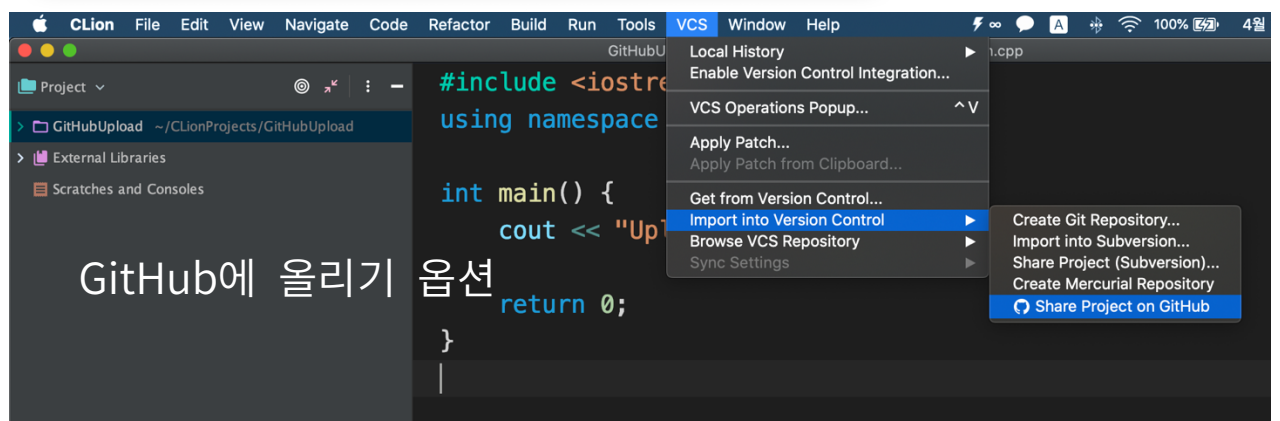
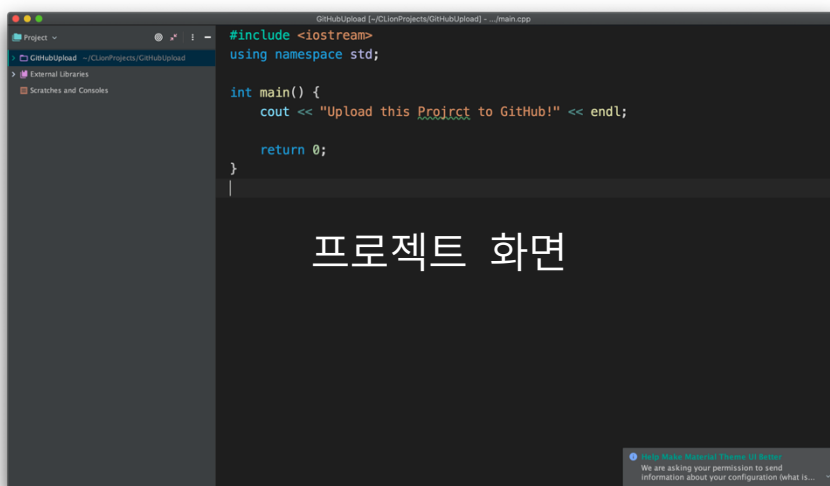
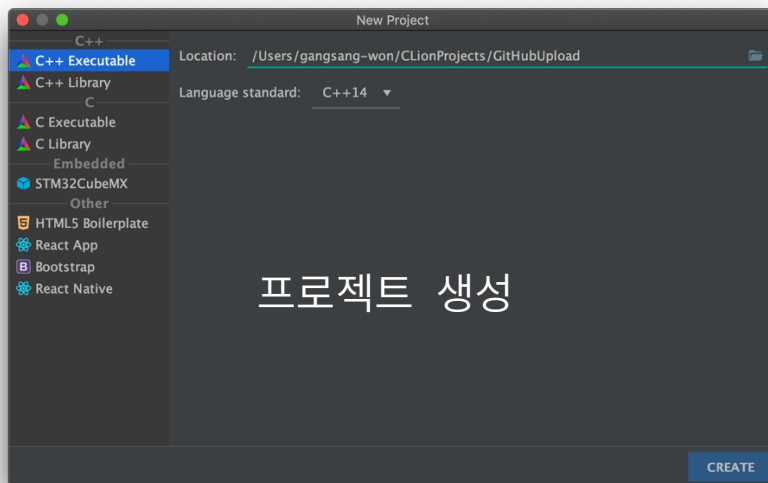
branch1, branch2, branch3 merge

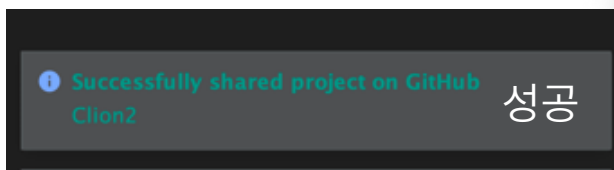
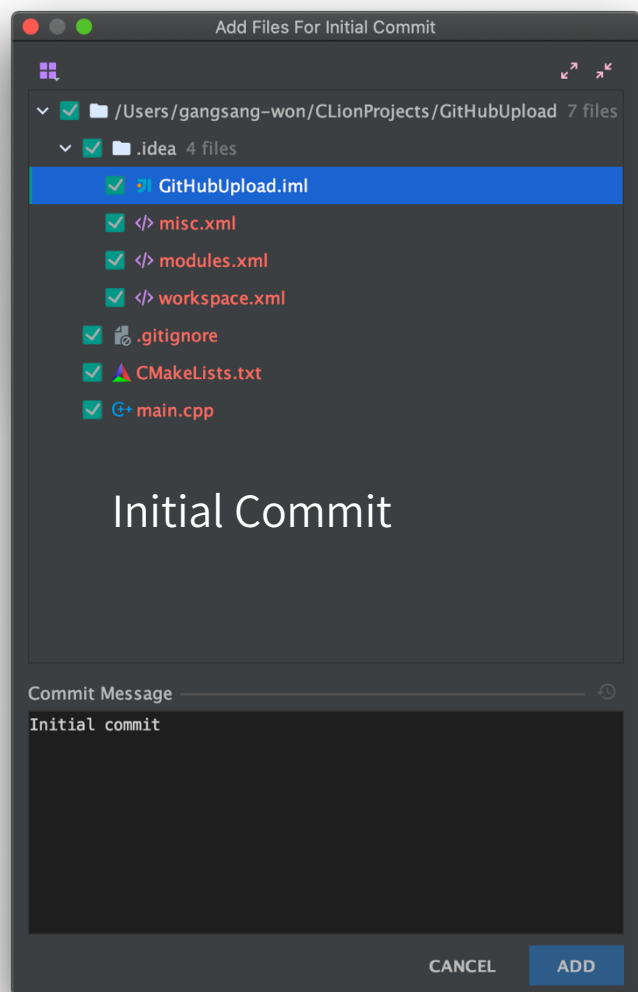
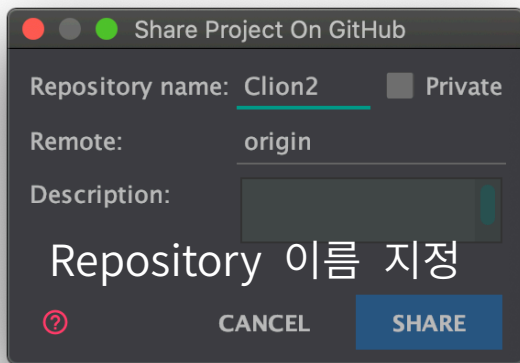
3. 위 두 문제를 캡처하여 첨부
위에 첨부함.

4. 비주얼 스튜디오에서 Github Extension을 추가하여 사용해 볼 것. (맥북이신 분들은 VSCode에서 사용해 볼 것)-> 맥북서 Visual Studio Code 사용



5. 2개 이상의 임의의 프로젝트를 만들어 원격 저장소에 추가할 것. 추가한 원격 저장소 주소 첨부 (Clion으로 진행)





생성된 원격 저장소 주소 :

<https://github.com/kevink1113/Clion1>
<https://github.com/kevink1113/Clion2>