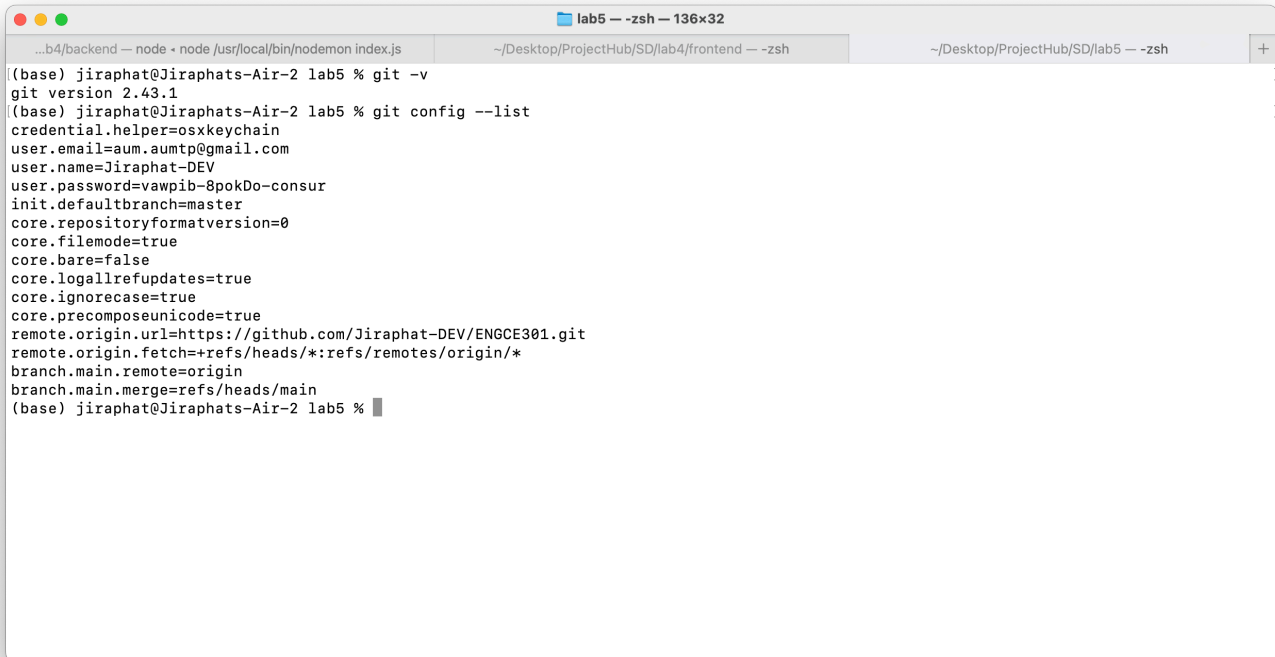


# Lab5 Git Version Control System

## STEP1 Local Development

ติดตั้ง git และตั้งค่าต่างๆ

A screenshot of a terminal window titled "lab5 -- zsh -- 136x32". The terminal shows the output of the command "git -v", which is "git version 2.43.1". It then shows the output of "git config --list", which lists various configuration settings including user information, repository format, and remote URLs. The terminal is running on a Mac, as indicated by the window title and the use of "osxkeychain" for credential helper.

```
(base) jiraphat@Jiraphats-Air-2 lab5 % git -v
git version 2.43.1
(base) jiraphat@Jiraphats-Air-2 lab5 % git config --list
credential.helper=osxkeychain
user.email=aum.aumtp@gmail.com
user.name=Jiraphat-DEV
user.password=vawpib-8pokDo-consur
init.defaultbranch=master
core.repositoryformatversion=0
core.filemode=true
core.bare=false
core.logallrefupdates=true
core.ignorecase=true
core.precomposeunicode=true
remote.origin.url=https://github.com/Jiraphat-DEV/ENGCE301.git
remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
branch.main.remote=origin
branch.main.merge=refs/heads/main
(base) jiraphat@Jiraphats-Air-2 lab5 %
```

## STEP2 Github

สมัครบัญชี และสร้าง repositories ENGCE301

**Jiraphat Jamprasert**  
Jiraphat-DEV · he/him

Software Engineering Student  
@rmu Chiang Mai 🚀 Passionate about  
Deep Learning, and Brain-Computer  
Interface 🌐 Skilled in Python,  
JavaScript, C, Verilog

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JiraphatJamprasert  
jir\_aum

**Jiraphat-DEV** (Public)  
profile  
Updated 2 weeks ago

**ENGCE301** (Public)  
For submitting work for ENGCE301 (ENGCE112 for 64)  
JavaScript Other Updated 2 weeks ago

**CVCalendar** (Public)  
Forked from CVCalendar/CVCalendar  
A custom visual calendar for iOS 8+ written in Swift (>= 4.0).  
Swift MIT License Updated on Apr 5, 2023

**test-push** (Public)  
HTML Updated on Nov 7, 2021

**ProjectWeb\_forme** (Public)  
JavaScript Updated on May 5, 2021

### STEP3 เชื่อมต่อระหว่าง local repositories กับ github repositories

**ENGCE301** (Public)

main 1 Branch 0 Tags

Go to file Add file Code

File	Commit	Time
lab1	commit lab1-3	2 weeks ago
lab2	commit lab1-3	2 weeks ago
lab3	update markdown file in project	2 weeks ago
.gitignore	commit lab1-3	2 weeks ago
LICENSE.md	commit lab1-3	2 weeks ago
README.md	update markdown file in project	2 weeks ago
detailofraspi.md	update markdown file in project	2 weeks ago

**README** License

## ENGCE301 - จิรภัทร แจ่มประเสริฐ

รายละเอียดนักศึกษา

- ชื่อ: จิรภัทร แจ่มประเสริฐ
- เลขประจำตัวนักศึกษา: 64542206005-2

**Releases**  
No releases published  
[Create a new release](#)

**Packages**  
No packages published  
[Publish your first package](#)

**Languages**

Language	Percentage
JavaScript	83.6%
HTML	11.3%
PHP	2.2%
CSS	1.9%
Dockerfile	1.0%

### STEP4 git add และ git comit

อย่าลืมเพิ่ม .gitignore เข้าไปในแต่ละไฟล์ของเราด้วย

```
# Node.js
node_modules/
npm-debug.log
yarn-debug.log*
yarn-error.log*

# Logs
logs
*.log
*.log.*

# Runtime data
pids
*.pid
*.seed
*.pid.lock

# Directory for instrumented libs generated by jscoverage/JSCover
lib-cov

# Coverage directory used by tools like istanbul
coverage
*.lcov

# nyc test coverage
.nyc_output

# Grunt intermediate storage (http://gruntjs.com/creating-plugins#storing-task-files)
.grunt

# Bower dependency directory (https://bower.io/)
bower_components

# node-waf configuration
.lock-wscript

# Compiled binary addons (http://nodejs.org/api/addons.html)
build/Release

# Dependency directories
jspm_packages/

# TypeScript v1 declaration files
typings/

# Optional npm cache directory
.npm

# Optional eslint cache
.eslintcache

# Optional REPL history
.node_repl_history

# Output of 'npm pack'
```

```
*.tgz

# Yarn Integrity file
.yarn-integrity

# dotenv environment variables file
.env
.env.test
.env.production

# parcel-bundler cache (https://parceljs.org/)
.cache
.pparcel-cache

# Next.js build output
.next

# Nuxt.js build output
.nuxt

# Gatsby files
.cache/
# Comment in the public line in if your project uses Gatsby and not Next.js
# public

# vuepress build output
.vuepress/dist

# Serverless directories
.serverless/

# FuseBox cache
.fusebox/

# DynamoDB Local files
.dynamodb/

# TernJS port file
.tern-port

# VS Code directories
.vscode/

# IntelliJ IDEA files
.idea/

# MacOS files
.DS_Store
```

```
git add . // คือคำสั่งสำหรับการเพิ่มไฟล์ทั้งหมดไป หรือสามารถเจาะจงที่ละไฟล์ก็ได้
git commit -m "messgae of commit" // คือคำสั่ง commit ไฟล์ที่เรา add โดยแนบข้อความกันลิม
```

```
SD -- zsh -- 136x32

~/Desktop/ProjectHub/SD/lab4/backend -- zsh
~/Desktop/ProjectHub/SD/lab4/frontend -- zsh
~/Desktop/ProjectHub/SD -- zsh

commit 78445b776966615be860e4521e3c9a0c0f018336 (HEAD -> main)
Author: Jiraphat-DEV <aum.aumtp@gmail.com>
Date: Thu Aug 1 00:04:19 2024 +0700

    add delete function and rewriteing document

commit 1433b5a8fc30763666c975129ec8e190f1adc038
Author: Jiraphat-DEV <aum.aumtp@gmail.com>
Date: Wed Jul 31 23:58:55 2024 +0700

    finish lab 4

commit 2202020348d9d285357436d9f070e29620993394
Author: Jiraphat-DEV <aum.aumtp@gmail.com>
Date: Wed Jul 31 21:57:38 2024 +0700

    add delect movie function

commit 05d7d491119dfeaeaa4b0715ae54a266e7d5b548 (origin/main)
Author: Jiraphat-DEV <aum.aumtp@gmail.com>
Date: Tue Jul 16 00:47:50 2024 +0700

    update markdown file in project

commit 82c8c7db2e810f22cc1e5c3609ef6acb75dfb5c4
Author: Jiraphat-DEV <aum.aumtp@gmail.com>
Date: Tue Jul 16 00:42:34 2024 +0700

    update markdown file in project

commit 45adc4f7403aeb93d886c5d845680a1184ae243f
(base) jiraphat@Jiraphats-Air-2 SD %
```

## STEP5 push ไฟล์ขึ้นบน Github

```
git push <remote> <branch>
git push origin main
```

```
SD -- zsh -- 158x42

~/Desktop/ProjectHub/SD/lab4/backend -- zsh
~/Desktop/ProjectHub/SD/lab4/frontend -- zsh
~/Desktop/ProjectHub/SD -- zsh

    add delete function and rewriteing document

commit 1433b5a8fc30763666c975129ec8e190f1adc038
Author: Jiraphat-DEV <aum.aumtp@gmail.com>
Date: Wed Jul 31 23:58:55 2024 +0700

    finish lab 4

commit 2202020348d9d285357436d9f070e29620993394
Author: Jiraphat-DEV <aum.aumtp@gmail.com>
Date: Wed Jul 31 21:57:38 2024 +0700

    add delect movie function

commit 05d7d491119dfeaeaa4b0715ae54a266e7d5b548 (origin/main)
Author: Jiraphat-DEV <aum.aumtp@gmail.com>
Date: Tue Jul 16 00:47:50 2024 +0700

    update markdown file in project

commit 82c8c7db2e810f22cc1e5c3609ef6acb75dfb5c4
Author: Jiraphat-DEV <aum.aumtp@gmail.com>
Date: Tue Jul 16 00:42:34 2024 +0700

    update markdown file in project

commit 45adc4f7403aeb93d886c5d845680a1184ae243f
Author: Jiraphat-DEV <aum.aumtp@gmail.com>
Date: Tue Jul 16 00:36:40 2024 +0700

    commit lab1-3
(base) jiraphat@Jiraphats-Air-2 SD % git push origin main
Enumerating objects: 88, done.
Counting objects: 100% (88/88), done.
Delta compression using up to 8 threads
Compressing objects: 100% (77/77), done.
Writing objects: 100% (79/79), 4.60 MiB | 2.59 MiB/s, done.
Total 79 (delta 19), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (19/19), completed with 7 local objects.
To https://github.com/Jiraphat-DEV/ENGCE301.git
   05d7d49..575e2dc  main -> main
(base) jiraphat@Jiraphats-Air-2 SD %
```

