

# **Class Exercise 04 - Configure NodeJS Project, GitHub Action, PR template and Travis CI**

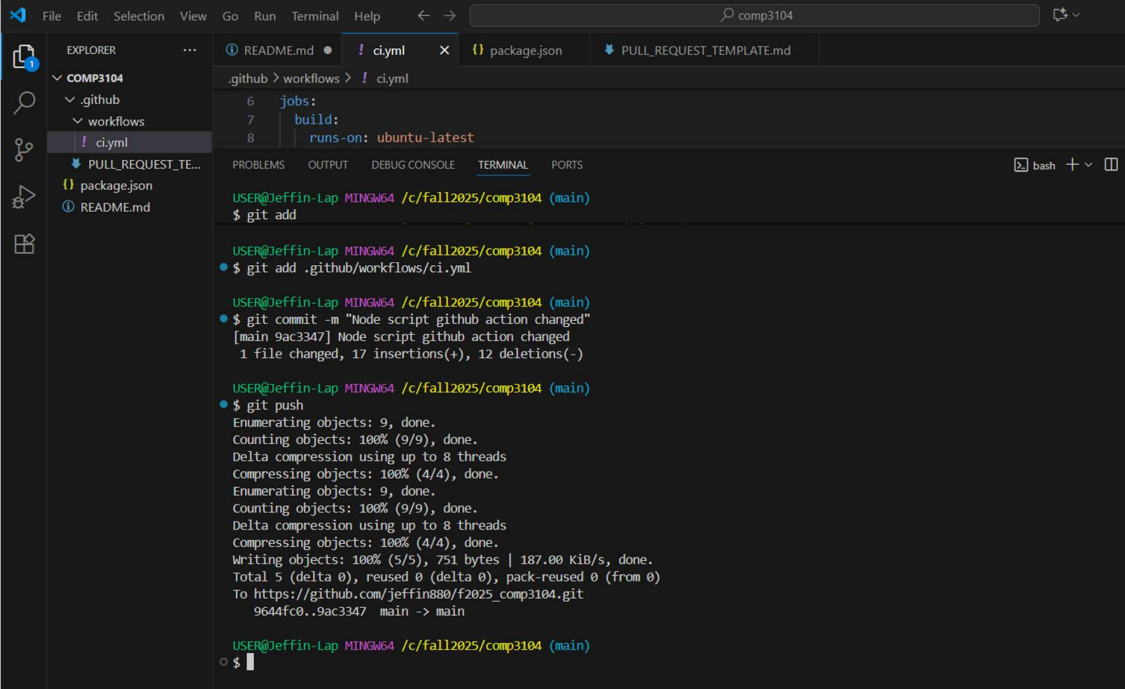
**Jeffin**

**Yohannan**

**Submission Date: 28/9/2025**

Github Repository Link - [https://github.com/jeffin880/f2025\\_comp3104](https://github.com/jeffin880/f2025_comp3104)

Git Commit and git push on terminal



```
File Edit Selection View Go Run Terminal Help ← → comp3104
EXPLORER
COMP3104
├── .github
│   └── workflows
│       └── ci.yml
├── PULL_REQUEST_TEMPLATE.md
├── package.json
└── README.md

.github > workflows > ! ci.yml
6 jobs:
7   build:
8     runs-on: ubuntu-latest

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
USER@Jeffin-Lap MINGW64 /c/fall2025/comp3104 (main)
$ git add

USER@Jeffin-Lap MINGW64 /c/fall2025/comp3104 (main)
$ git add .github/workflows/ci.yml

USER@Jeffin-Lap MINGW64 /c/fall2025/comp3104 (main)
$ git commit -m "Node script github action changed"
[main 9ac3347] Node script github action changed
1 file changed, 17 insertions(+), 12 deletions(-)

USER@Jeffin-Lap MINGW64 /c/fall2025/comp3104 (main)
$ git push
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 751 bytes | 187.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/jeffin880/f2025_comp3104.git
9644fc0..9ac3347 main -> main

USER@Jeffin-Lap MINGW64 /c/fall2025/comp3104 (main)
$
```

All the commits

```
USER@Jeffin-Lap MINGW64 /c/fall2025/comp3104 (main)
• $ git commit -m "node project created"
[main 932c26d] node project created
1 file changed, 20 insertions(+)
create mode 100644 package.json
```

```
USER@Jeffin-Lap MINGW64 /c/fall2025/comp3104 (main)
$ git commit -m "PULL_REQUEST_TEMPLATE added"
$ git commit -m "PULL_REQUEST_TEMPLATE added"
[main b4f9ff9] PULL_REQUEST_TEMPLATE added
1 file changed, 25 insertions(+)
create mode 100644 .github/PULL_REQUEST_TEMPLATE.md
```

```
USER@Jeffin-Lap MINGW64 /c/fall2025/comp3104 (main)
• $ git commit -m "Node script github action changed"
[main 9ac3347] Node script github action changed
1 file changed, 17 insertions(+), 12 deletions(-)
```

```
USER@Jeffin-Lap MINGW64 /c/fall2025/comp3104 (main)
$ git commit -m "Github Action Badge Added"
[main 9644fc0] Github Action Badge Added
1 file changed, 3 insertions(+), 1 deletion(-)
```

Github Repository Screenshot ACTION INTEGRATION

jeffin880/f2025\_comp3104 x week04 PPT - XLIST Fall 2025 x f2025\_comp3104/github/work x +

github.com/jeffin880/f2025\_comp3104/tree/main

jeffin880 / f2025\_comp3104

Type to search

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f2025\_comp3104 Public

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main 1 Branch 0 Tags

Go to file Add file Code

jeffin880 Node script github action changed 9ac347 - 4 minutes ago 7 Commits

.github	Node script github action changed	4 minutes ago
README.md	Github Action Badge Added	18 minutes ago
package.json	node project created	46 minutes ago

README

COMP3104 - Developer Operations

-- Jeffin Yohannan

## Github Action Status Badge

Deploy React App passing

About

No description, website, or topics provided.

Readme

Activity

0 stars

0 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

22°

1:45 PM 9/28/2025

## Node js on vs code

```
USER@Jeffin-Lap MINGW64 /c/fall2025/comp3104 (main)
$ npm init -y
Wrote to C:\fall2025\comp3104\package.json:

{
  "name": "comp3104",
  "version": "1.0.0",
  "description": "-- Jeffin Yohannan\r git",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "repository": {
    "type": "git",
    "url": "git+https://github.com/jeffin880/f2025_comp3104.git"
  },
  "keywords": [],
  "author": "",
  "license": "ISC",
  "bugs": {
    "url": "https://github.com/jeffin880/f2025_comp3104/issues"
  },
  "homepage": "https://github.com/jeffin880/f2025_comp3104#readme"
}
```

The screenshot shows the Visual Studio Code editor with the `package.json` file open. The file contains the following JSON configuration:

```
1 {
2   "name": "comp3104",
3   "version": "1.0.0",
4   "description": "-- Jeffin Yohannan\\n git",
5   "main": "index.js",
6   "scripts": {
7     "test": "echo \\\"Error: no test specified\\\""
8   },
9   "repository": {
10    "type": "git",
11    "url": "git+https://github.com/jeffin880/f2025_comp3104.git"
12  },
13  "keywords": [],
14  "author": "",
15  "license": "ISC",
16  "bugs": {
17    "url": "https://github.com/jeffin880/f2025_comp3104/issues"
18  },
19  "homepage": "https://github.com/jeffin880/f2025_comp3104#readme"
20 }
21
```

## Github Actions

The screenshot shows the GitHub Actions workflow runs page for the repository `jeffin880/f2025_comp3104`. The page displays a list of 5 workflow runs, all of which are successful (green checkmark). The runs are triggered by pushes to the `main` branch. The table below summarizes the runs:

Run ID	Event	Status	Branch	Actor	Time
jeffin880 is testing out GitHub Actions	Deploy React App #6: Commit 9ac3347 pushed by jeffin880	Success	main	jeffin880	31 minutes ago
jeffin880 is testing out GitHub Actions	Deploy React App #5: Commit 9644fc0 pushed by jeffin880	Success	main	jeffin880	45 minutes ago
jeffin880 is testing out GitHub Actions	Deploy React App #4: Commit b4f9992 pushed by jeffin880	Success	main	jeffin880	1 hour ago
jeffin880 is testing out GitHub Actions	Deploy React App #3: Commit 932c26d pushed by jeffin880	Success	main	jeffin880	Today at 12:58 PM
jeffin880 is testing out GitHub Actions	Deploy React App #2: Commit 1e845d9 pushed by jeffin880	Success	main	jeffin880	Sep 24, 12:18 AM EDT

## README.md

```
① README.md • ! ci.yml {} package.json ↓ PULL_REQUEST_TEMPLATE.md
① README.md > # Github Action Status Badge
1  #### COMP3104 - Developer Operations
2  -- Jeffin Yohannan
3  # Github Action Status Badge
4
5  [[CI](https://github.com/jeffin880/f2025_comp3104/actions/workflows/ci.yml/badge.svg)](https://github.com/jeffin880/f2025_comp3104/actions/workflows/ci.yml)git
```