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| Final Project | |
| Github Portfolio | |
| Name: Gabriel Dwyane D. Arididon | Date Submitted: Nov 16, 2025 |
| Course Code and Title: CPE201A - Computer System Administration and Troubleshooting | Instructor: Mr. Lloyd Pornobi |
| 1. Objective/s: | |
| This final project aims to demonstrate the student's ability to create and build a GitHub portfolio by compiling and organizing outputs from other Computer Engineering courses. | |
| 2. Intended Learning Outcome/s: | |
| By the end of this final project, the students should be able to: <ul style="list-style-type: none"> Develop a professional GitHub portfolio that effectively showcases their projects and demonstrates integration of knowledge from various Computer Engineering courses. | |
| 3. Directions: | |
| 1. Create a New Repository <ul style="list-style-type: none"> Log in to your GitHub account. Click New Repository. Set the repository title as: CPE201A_FP_SURNAME Add a short description, for example: "Final Projects Compilation for CpE Courses." Choose the repository visibility (Public or Private). Click Create Repository. 2. Prepare Files on Ubuntu Linux <ul style="list-style-type: none"> Open your Ubuntu terminal. Navigate to the directory where your final projects are saved. cd ~/Documents/CpE_Projects Organize your project folders according to different CpE courses, for example: CPE201A_FP_SURNAME/ ├── CPE101/ ├── CPE102/ ├── CPE103/ └── CPE104/ Make sure each folder contains the corresponding final project files from that course. | |

3. Initialize Git and Push to GitHub

4. Verify and Share

- Go to your GitHub repository online and confirm that all files and folders are properly uploaded and organized.
- Copy your repository link and make sure it is accessible (if required, set repository visibility to “Public”).

5. Documentation

- Take screenshots of the following:
 - Repository creation page.
 - Organized folder structure.
 - Ubuntu terminal commands during initialization, commit, and push.
 - Final GitHub repository page showing the uploaded projects.
- Compile all screenshots and input it in Section 4. Outputs.

4. Outputs:

1.

1 General

Owner * Arididoncpe / Repository name * CPE201A_FP_ARIDIDON

✓ CPE201A_FP_ARIDIDON is available.

Great repository names are short and memorable. How about [ubiquitous-barnacle?](#)

Description

Compilations of Final Projects for CPE201A

42 / 350 characters

2 Configuration

Choose visibility * Choose who can see and commit to this repository Public

Add README READMEs can be used as longer descriptions. [About READMEs](#) Off ☐

Add .gitignore .gitignore tells git which files not to track. [About ignoring files](#) No .gitignore

Add license Licenses explain how others can use your code. [About licenses](#) No license

Create repository

2.

```
dawae@dawae:~$ cd Documents
dawae@dawae:~/Documents$ mkdir CpE_Projects
dawae@dawae:~/Documents$ cd CpE_Projects
dawae@dawae:~/Documents/CpE_Projects$ mkdir CPE201A_FP_ARIDIDON
dawae@dawae:~/Documents/CpE_Projects$ cd CPE201A_FP_ARIDIDON
dawae@dawae:~/Documents/CpE_Projects/CPE201A_FP_ARIDIDON$ mkdir CPE101 CPE102 CPE103 CPE104
dawae@dawae:~/Documents/CpE_Projects/CPE201A_FP_ARIDIDON$ ls
CPE101 CPE102 CPE103 CPE104
dawae@dawae:~/Documents/CpE_Projects/CPE201A_FP_ARIDIDON$
```

```
dawae@dawae:~$ tree
.
├── CPE201A_ARIDIDON
│   └── README.md
├── Desktop
├── Documents
│   └── CpE_Projects
│       └── CPE201A_FP_ARIDIDON
│           ├── CPE101
│           │   └── README.md
│           ├── CPE102
│           │   └── README.md
│           ├── CPE103
│           │   └── README.md
│           └── CPE104
│               └── README.md
```

```
dawae@dawae:~/Documents/CpE_Projects/CPE201A_FP_ARIDIDON$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/dawae/Documents/CpE_Projects/CPE201A_FP_ARIDIDON/.git/
```

```
dawae@dawae:~/Documents/CpE_Projects/CPE201A_FP_ARIDIDON$ echo "# CPE101 Final Project" > CPE101/README.md
echo "# CPE102 Final Project" > CPE102/README.md
echo "# CPE103 Final Project" > CPE103/README.md
echo "# CPE104 Final Project" > CPE104/README.md
dawae@dawae:~/Documents/CpE_Projects/CPE201A_FP_ARIDIDON$ git add .
dawae@dawae:~/Documents/CpE_Projects/CPE201A_FP_ARIDIDON$ git commit -m "Set up project structure"
[master (root-commit) e6d2789] Set up project structure
 4 files changed, 4 insertions(+)
 create mode 100644 CPE101/README.md
 create mode 100644 CPE102/README.md
 create mode 100644 CPE103/README.md
 create mode 100644 CPE104/README.md
dawae@dawae:~/Documents/CpE_Projects/CPE201A_FP_ARIDIDON$ git remote add origin https://github.com/Arididoncpe/CPE201A_FP_ARIDIDON.git

dawae@dawae:~/Documents/CpE_Projects/CPE201A_FP_ARIDIDON$ git branch -M main
dawae@dawae:~/Documents/CpE_Projects/CPE201A_FP_ARIDIDON$ git push origin main --force
Username for 'https://github.com': Arididoncpe
Password for 'https://Arididoncpe@github.com':
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (10/10), 617 bytes | 617.00 KiB/s, done.
Total 10 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com:Arididoncpe/CPE201A_FP_ARIDIDON.git
 + badc8b8...e6d2789 main -> main (forced update)
```



CPE201A_FP_ARIDIDON

Public



Pin



Watch 0

main

1 Branch 0 Tags

Go to file

Add file

Code



Arididoncpe Set up project structure

e6d2789 · 28 minutes ago

1 Commit

| | | |
|--------|--------------------------|----------------|
| CPE101 | Set up project structure | 28 minutes ago |
| CPE102 | Set up project structure | 28 minutes ago |
| CPE103 | Set up project structure | 28 minutes ago |
| CPE104 | Set up project structure | 28 minutes ago |

