Final Project
Github Portfolio

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Course Code and Title: CPE201A - Computer System Administration and Troubleshooting	**Instructor: : Engr. Jimlord Quejado**

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 Leaning Outcome/s:

By the end of this final project, the students should be able to:
- 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**
   - 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**
   - 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.

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4. Outputs:

CPE102-Only-FlowCharts-and-Pseudo-Codes   ⵢ Branches   ◇ Tags

Add file ▾   ‹›Code ▾

About

Final Projects Compilation for CpE Courses

📖 Readme
∿ Activity
☆ **0** stars
⊙ **0** watching
ⵢ **0** forks

⟳ 3 Commits

📄 Flowcharting and Application of Pseudo codes (…

📄 IMG_20250731_081404 (1).jpg

📄 README.md

Releases

No releases published
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Repository files navigation

• 📖 README   ✎ Edit file

ⵢ CPE103/-Codes   ⵢ Branches ◇ Tags

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About

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📄 Activity_Template_2022 (2) (2).pdf

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📄 Activity_Template_2022 5.1 Multidimensional (…

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📄 Activity_Template_2022(2) Will (2).pdf

📄 Assignment 4.3_Pointers.docx (1).pdf

📄 Hands-on Activity 6.2_Built-in Functions.docx (…

📄 IMG_20250731_081404 (1).jpg

📄 Pointers 4.2.docx (1).pdf

📄 README.md

📄 Seatwork 5.1_My First Function (3).pdf

📄 Structures 5.2.docx (1).pdf

Releases

No releases published
Create a new release

Packages   0

No packages published
Publish your first package

Branches

SearchQ [Search branches...]

Default

Branch	Updated	Check status	Behind	Ahead	Pull request	Action menu	
main [copy] Copy branch name to clipboard 🗓 Nov 11, 2025						[🗑] Delete branch [...]	Branch menu

Your branches

Branch	Updated	Check status	Behind	Ahead	Pull request	Action menu	
CPE103/-Codes [copy] Copy branch name to clipboard	🗓 Nov 11, 2025					[🗑] Delete branch [...]	Branch menu
CPE104-QUIZ [copy] Copy branch name to clipboard	🗓 Nov 11, 2025					[🗑] Delete branch [...]	Branch menu
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Active branches

Branch	Updated	Check status	Behind	Ahead	Pull request	Action menu	
CPE103/-Codes [copy] Copy branch name to clipboard	🗓 Nov 11, 2025					[🗑] Delete branch [...]	Branch menu
CPE104-QUIZ [copy] Copy branch name to clipboard	🗓 Nov 11, 2025					[🗑] Delete branch [...]	Branch menu
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5. Conclusion/Learnings/Analysis:

This project provided me with a valuable learning experience. I learned how to use GitHub to build a real portfolio for all of my school projects. Through following the instructions, I created a new repository and sorted the files from my various computer engineering courses into new folders.

I was able to practice using commands in the Ubuntu terminal to prepare my files to send them to my online GitHub account, which was helpful. To see all of my projects organized and neatly set out in one place online made me realize how I can successfully use GitHub for displaying my skills and tracking my work.

6. Assessment Rubric:

Rubric for SO 7 (7) 🔍 ✏️ 🗑️

Criteria	Ratings						Pts
SO 7 PI 1 **Student Outcome 7.1** Acquire and apply new knowledge from outside sources. threshold: 4.8 pts	6 pts **Excellent | Educational interests and pursuits exist and flourish outside classroom requirements,knowledge and/or experiences are pursued independently and applies knowledge learned into practice**	5 pts **Good | Educational interests and pursuits exist and flourish outside classroom requirements,knowledge and/or experiences are pursued independently**	4 pts **Satisfactory | Look beyond classroom requirements, showing interest in pursuing knowledge independently**	3 pts **Unsatisfactory | Begins to look beyond classroom requirements, showing interest in pursuing knowledge independently**	2 pts **Poor | Relies on classroom instruction only**	1 pts **Very Poor | No initiative or interest in acquiring new knowledge**	6 pts
SO 7 PI 3 **Student Outcome 7.3** Critical thinking in the broadest context of technological change threshold: 4.8 pts	6 pts **Excellent | Synthesizes and integrates information from a variety of sources; formulates a clear and precise perspective; draws appropriate conclusions**	5 pts **Good | Evaluate information from a variety of sources; formulates a clear and precise perspective.**	4 pts **Satisfactory | Analyze information from a variety of sources; formulates a clear and precise perspective.**	3 pts **Unsatisfactory | Apply the gathered information to formulate the problem**	2 pts **Poor | Gather and summarized the information from a variety of sources but failed to formulate the problem**	1 pts **Very Poor | Gather information from a variety of sources**	6 pts
SO 7 PI 4 **Student Outcome 7.4** Creativity and adaptability to new and emerging technologies threshold: 4.8 pts	6 pts **Excellent | Ideas are combined in original and creative ways in line with the new and emerging technology trends to solve a problem or address an issue.**	5 pts **Good | Ideas are creative and adapt the new knowledge to solve a problem or address an issue**	4 pts **Satisfactory | Ideas are creative in solving a problem, or address an issue**	3 pts **Unsatisfactory | Shows some creative ways to solve the problem**	2 pts **Poor | Shows initiative and attempt to develop creative ideas to solve the problem**	1 pts **Very Poor | Ideas are copied or restated from the sources consulted**	6 pts

Total Points: 18