

Final Project	
Github Portfolio	
Name: Will Stuart D. Ponce Jr.	Date Submitted: Nov 11 2025
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 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:	
<p>1. Create a New Repository</p> <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. <p>2. Prepare Files on Ubuntu Linux</p> <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:

The image displays two screenshots. The top screenshot is a terminal window with a dark background and green text, showing the following commands and output:

```
vboxuser@Sheesh:~$ cd ~/Documents/CpE_Projects
vboxuser@Sheesh:~/Documents/CpE_Projects$
vboxuser@Sheesh:~$
```

The bottom screenshot is a web browser window showing the GitHub repository page for 'qwsponce-cloud / CPE201A_FP_Ponce'. The repository is public and contains the following files:

- IMG_20250731_081404 (1).jpg
- README.md
- Writing First Program using C++ Language (2)....

The repository is named 'CPE201A_FP_Ponce' and is described as 'Final Projects Compilation for CpE Courses'. The page also shows the repository's navigation, including branches, tags, and a list of files.

The screenshot shows a Mozilla Firefox browser window with the address bar displaying "https://github.com/qwsponce-cloud/CPE201A_FP_Ponce/tree/CPE103-Codes". The page title is "qwsponce-cloud/CPE201A_FP_Ponce at CPE103-Codes · Mozilla Firefox". The main content area shows a file explorer view of the repository, listing files such as "Activity_Template_2022 (2) (2).pdf", "Assignment_4.3_Pointers.docx (1).pdf", and "CWE14-STUART D. Ponce (2).pdf". On the right side, there are sections for "About" (Final Projects Compilation for CpE Courses), "Releases" (No releases published), and "Packages" (No packages published). The bottom section is titled "Repository files navigation" and includes a link to "README".

Firefox Web Browser window showing the GitHub repository page for `qwsponce-cloud/CPE201A_FP_Ponce`. The page displays the repository structure, including files like `CPE104-QUIZ` and `CPE201A_FP_Ponce`. The repository is titled "Final Projects Compilation for CjE Courses".

Below the repository view, the "Branches" section is visible, showing a list of branches and their status. The "Your branches" section lists several branches, including `CPE103-Codes`, `CPE104-QUIZ`, `CPE102-Only-FlowCharts-and-Pseudo-Codes`, and `Cpe101`, all updated on Nov 11, 2025.







https://github.com/qwsponce-cloud/CPE201A_FP_Ponce/tree/main

5. Conclusion/Learnings/Analysis:

This project was a great learning experience. I learned how to use GitHub to create a real portfolio for all my school projects. By following the steps, I set up a new repository and organized my work from different computer engineering courses into separate folders.

It was useful to practice using commands in the Ubuntu terminal to get my files ready and send them to my online GitHub account. Seeing all my projects neatly organized in one place online shows how I can use GitHub to showcase my skills and keep track of 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									