**Comment Cleaner Project**

**Group:**

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# Description

This project includes two main components designed to clean comments from C program files. The first component is a PHP script that removes valid comments and identifies invalid comments within C program files. The second is an HTML file with embedded JavaScript, designed for use in a web browser, which prompts the user for a C program as input, removes valid comments, and alerts the user to any invalid comments detected.

# Prerequisites

To run the PHP script, you will need:

* PHP 7.4 or higher installed on your system.

To view and interact with the HTML file, you will need:

* Any modern web browser (e.g., Chrome, Firefox, Safari).

# Installation

No installation is required for the HTML component. Simply download the HTML file and open it in your web browser.

For the PHP script:

1. Ensure PHP is installed on your system. You can verify by running **php -v** in your command line or terminal.
2. Download the **project.php** file to your local machine.

# Usage

**Running the PHP Script**

1. Open a terminal or command line interface.
2. Navigate to the directory containing the **project.php** file.
3. Run the script by executing:

**php removeComments.php**

1. When prompted, enter the path to your C program file. The script will process the file and output the result in the terminal.

# Using the HTML File

1. Open the **project.html** file in any modern web browser.
2. A prompt will appear asking you to enter your C program code. Enter the code directly into the prompt box.
3. After processing, an alert will show the cleaned code or any error messages related to invalid comments.

# SCREENSHOTS

A screen shot of a computer

Description automatically generated

A screen shot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screen shot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A black screen with a white light

Description automatically generated