# Module Five: Critical Thinking Assignment

## Part 1: Program to store and calculate rainfall data

### Pseudocode

1. Start.
2. Ask the user for the number of years and validate input; if the input is not a number or is negative; show error message
3. For each year:  
    a. Display current year  
    b. For each month:  
     i. Ask the user for rainfall and validate input  
     ii. Add rainfall to the total
4. Calculate total and average rainfall
5. Display total months, total rainfall, and average rainfall
6. End

### Source Code

A screenshot of a computer program

AI-generated content may be incorrect.

### Output

A screenshot of a computer

AI-generated content may be incorrect.

## Part 2: CSU Global Bookstore

### Pseudocode

1. Start

2. Create a dictionary that maps the number of books to reward points

3. Ask the users for number of books purchased; If the input is not a number or is negative, show an error message

4. Loop through the point list from highest to lowest   
 a. Find the highest matching reward based on books purchased

5. Display how many books were purchased and how many points were awarded

6. End

Source Code

A screenshot of a computer program

AI-generated content may be incorrect.

### Output

A black screen with white text

AI-generated content may be incorrect.

**Git Repository**  
The source code and files for this assignment are also available on GitHub:  
[Bishal-Shah310/CSC-500: This is for School purpose only.](https://github.com/Bishal-Shah310/CSC-500)

Below is a screenshot of the repository:

A screenshot of a computer

AI-generated content may be incorrect.