CS 210 Project 2 Pseudocode

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Ask the user for the initial amount they want to invest.

Ask the user for the amount they will add to their investment every month.

Ask the user for the annual interest rate on their investment.

Ask the user for the number of years they want their investment to grow.

Display Chart 1 (without additional monthly deposits):

- Set the balance to the initial amount.

- Convert the annual interest rate to a decimal.

- Set the total interest to 0.

Display a table with columns for "Year," "Year-End Balance," and "Year-End Interest."

For each year from 1 to the number of years:

- Calculate the interest earned this year and display it in the table.

- Add the interest to the balance and display the year and balance in the table.

Display Chart 2 (with additional monthly deposits):

- Set the balance to the initial amount.

- Set the total interest to 0.

Display a table with columns for "Year," "Year-End Balance," and "Year-End Interest."

For each year from 1 to the number of years:

- Set the total interest for the year to 0.

- For each month from 1 to 12:

- Calculate the interest earned in this month.

- Add the interest to the total interest for the year.

- Add the monthly deposit and interest to the balance.

- Display the year and total interest for the year in the table.

Display the total balance after the number of years in Chart 2.

End of the program.