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Program description:

This program prompts the user to enter their monthly expenses and expense type. The program calculates the total monthly expense, highest expense and lowest expense and displays the results.

1. Calculate\_expenses()

Description:

The function prompts the user to enter their expense type and cost amount for the specific type, and prevents the user from entering the amount the wrong way. The lambda functions calculate the total, highest, and lowest expense. The function also displays all of the data

Parameters: none

Variables:

Expenses – used to accumulate the cost amount of all expense types

Expense\_type – used to keep track of the type of expense the user enters

Amount – holds the cost amount of each expense type

Total\_expense – used to calculate the total of all cost amounts of all expense types

Highest\_expense – used to find the highest cost amount of all expense types

Lowest\_expense – used to find the lowest cost amount of all the expense types

Logical steps:

1. Prompt the user for the type of expense
2. Make an if statement to end the program if the user has already entered all their expense types
3. Prompt the user for the cost amount of the expense type
4. Prevent the user from entering anything other than a positive number
5. If the input meets those requirements, then group the expense type and amount together and add them to the list
6. Calculate the total, highest, and lowest expenses
7. Display all of the results

Returns: none

Link to repository: <https://github.com/AbriannaJohnson/COP2373>

A screenshot of a computer screen

AI-generated content may be incorrect.