Logic Plan for Budget Program

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**Data:**

* Variables
  + house\_expense – monthly cost of house/rent/mortgage/etc.
  + food\_expense – monthly cost of food, restaurants, etc.
  + transportation\_expense – monthly cost of transportation, gas, etc.
  + phone\_expense – monthly cost of phone
  + utilities\_expense – cost of utilities (gas, electric, water, sewage)
  + clothing\_expense – cost of clothing, accessories, etc.
  + monthly\_income – user’s monthly income
  + money\_remaining – money remaining after expenses
* User Input
  + monthly\_income – user’s monthly income: Float

**Processing:**

Calculate the income percentage by:

Percentage = Expense / monthly\_income

Calculate the remaining amount after expenses

Remaining\_amount = monthly\_income – total(expenses)

**Output:**

To display the income percentage, do the following:

Print(f “Housing takes up {(expense / monthly\_income):.2%} of your monthly income.”)

Do this for all expenses. The last line will be how much money is remaining.

It will look like the example from the assignment:

Text

Description automatically generated