Challenge: The Budgeting Mastermind

Welcome, brilliant budgeters, to the exhilarating world of the Budgeting Mastermind challenge! In this thrilling test of your coding and financial management skills, you will create an interactive program that helps users take control of their personal finances. They'll be able to track their income, expenses, and overall balance with finesse, making this challenge a powerful training ground for budgeting mastery.

To complete this challenge, you must follow these steps:

1. **Create data structures**: Define the necessary data structures for storing the user's transactions, income, and expenses. Use lists and dictionaries to manage and categorize financial data.
2. **User input loop**: Implement a loop to continuously prompt the user to enter their transactions. Ask them to specify whether the transaction is income or an expense, and request the source (for income) or category (for expenses) and the amount.
3. **Add transactions**: When the user inputs a transaction, update the corresponding income or expense dictionary, and store the transaction details in the list of transactions.
4. **Exit loop**: Allow the user to exit the input loop by entering an invalid transaction type.
5. **Calculate balance**: After the loop, compute the user's balance by subtracting the sum of their expenses from the sum of their income.
6. **Display results**: Print the user's transactions, income, expenses, and overall balance in a clear and user-friendly format.
7. **Embrace the challenge**: Have fun!

Embark on this exciting journey to create a powerful personal finance tool that helps users take control of their financial destiny. Will you emerge victorious as the ultimate Budgeting Mastermind? Good luck!