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# Personal Expense Tracker
expenses = {}

def add_expense():
    try:
        category = input("Enter category (e.g., Food, Transport):").strip().capitalize()
        amount = float(input("Enter amount spent in category: "))
        if category in expenses:
            expenses[category] += amount
        else:
            expenses[category] = amount
        print(f" {amount:.2f} added to '{category}' .")
    except ValueError:
        print("Invalid input. Please enter a number to the expenses.")

def view_expenses():
    print("Expense Summary:")
    total = sum(expenses.values())
    if expenses:
        for category, amount in expenses.items():
            print(f" - {category}: {amount:.2f}")
        print("-" * 20)
        print(f" **TOTAL: {total:.2f}**")
    else:
        print("No expenses recorded yet.")

def main():
    print("Welcome to your Personal Expense Tracker!")
    while True:
        print("Choose an option:")
        print("1. Add an expense")
        print("2. View all expenses")
        print("3. Exit")
        option = input("Enter choice (1/2/3): ")
        if option == '1':
            add_expense()
        elif option == '2':
            view_expenses()
        elif option == '3':
            print("Thank you for tracking your expenses. Goodbye!")
            break
        else:
            print("Invalid choice. Please try again and choose between choices 1, 2, and 3.")

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if __name__ == "__main__":
    main()

Welcome to your Personal Expense Tracker!
Choose an option:
1. Add an expense
2. View all expenses
3. Exit

Enter choice (1/2/3): 1
Enter category (e.g., Food, Transport): food
Enter amount spent in category: 200

200.00 added to 'Food'.
Choose an option:
1. Add an expense
2. View all expenses
3. Exit

Enter choice (1/2/3): 1
Enter category (e.g., Food, Transport): FOOD
Enter amount spent in category: 300

300.00 added to 'Food'.
Choose an option:
1. Add an expense
2. View all expenses
3. Exit

Enter choice (1/2/3): 2

Expense Summary:
- Food: 500.00
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**TOTAL: 500.00**
Choose an option:
1. Add an expense
2. View all expenses
3. Exit

Enter choice (1/2/3): g

Invalid choice. Please try again and choose between choices 1, 2, and
3.
Choose an option:
1. Add an expense
2. View all expenses
3. Exit
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```
Enter choice (1/2/3): 1
Enter category (e.g., Food, Transport): Transport
Enter amount spent in category: ee
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```
Invalid input. Please enter a number to the expenses.
Choose an option:
1. Add an expense
2. View all expenses
3. Exit
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```
Enter choice (1/2/3): 1
Enter category (e.g., Food, Transport): Transport
Enter amount spent in category: 1500
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1500.00 added to 'Transport'.
Choose an option:
1. Add an expense
2. View all expenses
3. Exit
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Enter choice (1/2/3): 1
Enter category (e.g., Food, Transport): Rent
Enter amount spent in category: 142.345
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142.34 added to 'Rent'.
Choose an option:
1. Add an expense
2. View all expenses
3. Exit
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```
Enter choice (1/2/3): 2
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Expense Summary:
- Food: 500.00
- Transport: 1500.00
- Rent: 142.34
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**TOTAL: 2142.34**
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Choose an option:
1. Add an expense
2. View all expenses
3. Exit
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Enter choice (1/2/3): 3
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```
Thank you for tracking your expenses. Goodbye!
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