

EXPENSE TRACKER PROJECT (PYTHON)

✓ Python Code

```
# EXPENSE TRACKER PROJECT

expensesList = [] # list of expense dictionaries

print("Welcome to Expense Tracker ■")

while True:
    print("\n===== MENU =====")
    print("1. Add Expense")
    print("2. View All Expenses")
    print("3. View Total Spending")
    print("4. Exit")
    print("=====")

    choice = input("Enter your choice (1-4): ")

    # ① Add Expense
    if choice == "1":
        date = input("Enter date: ")
        category = input("Enter category (Food, Travel, Shopping, etc): ")
        description = input("Enter short description: ")
        amount = float(input("Enter amount (■): "))

        expense = {
            "date": date,
            "category": category,
            "description": description,
            "amount": amount
        }

        expensesList.append(expense)
        print("Expense added successfully!")

    # ② View All Expenses
    elif choice == "2":
        if len(expensesList) == 0:
            print("\nNo expenses recorded yet.")
        else:
            print("\n--- All Expenses ---")
            count = 1
            for eachCost in expensesList:
                print(f"{count}. {eachCost['date']} | {eachCost['category']} | {eachCost['description']} | {eachCost['amount']}")
                count += 1

    # ③ View Total Spending
    elif choice == "3":
        total = 0
        for eachCost in expensesList:
            total += eachCost["amount"]
        print(f"\n■ Total Spending = ■{total}")

    # ④ Exit
    elif choice == "4":
        print("Thank You for Using Expense Tracker! ■")
        break

    else:
        print("\n■ Invalid choice. Please try again.")
```

✓ Sample Output

```
Welcome to Expense Tracker ■
```

```
===== MENU =====
1. Add Expense
2. View All Expenses
3. View Total Spending
4. Exit
=====
Enter your choice (1-4): 1
Enter date: 25-11-2024
Enter category (Food, Travel, Shopping, etc): Food
Enter short description: Maggi
Enter amount (■): 50
Expense added successfully!

===== MENU =====
1. Add Expense
2. View All Expenses
3. View Total Spending
4. Exit
=====
Enter your choice (1-4): 2

--- All Expenses ---
1. 25-11-2024 | Food | Maggi | ■50

===== MENU =====
1. Add Expense
2. View Total Spending
3. View All Expenses
4. Exit
=====
Enter your choice (1-4): 3

■ Total Spending = ■50

Thank You for Using Expense Tracker! ■
```