

```
# Personal Finance Calculator
# Student: [Your Name]
# Date: [Today's Date]
# Purpose: Calculate monthly budget and savings

# รับข้อมูลรายได้และค่าใช้จ่ายจากผู้ใช้
monthly_income = float(input("Enter your monthly income (THB): "))
rent_cost = float(input("Enter your monthly rent cost (THB): "))
food_budget = int(input("Enter your monthly food budget (THB): "))
transportation_cost = float(input("Enter your monthly transportation cost (THB): "))
entertainment_budget = int(input("Enter your monthly entertainment budget (THB): "))
emergency_fund_percent = float(input("Enter emergency fund percentage: "))
investment_percent = float(input("Enter investment percentage: "))

# คำนวณค่าใช้จ่าย
fixed_expenses = rent_cost + transportation_cost # ค่าใช้จ่ายคงที่
variable_expenses = food_budget + entertainment_budget # ค่าใช้จ่ายไม่คงที่
total_expenses = fixed_expenses + variable_expenses # ค่าใช้จ่ายทั้งหมด

# คำนวณรายได้คงเหลือและการออม
remaining_income = monthly_income - total_expenses
emergency_fund = monthly_income * (emergency_fund_percent / 100)
investment_amount = monthly_income * (investment_percent / 100)
available_savings = remaining_income - emergency_fund - investment_amount

# คำนวณสัดส่วนค่าใช้จ่ายต่อรายได้
expense_ratio = (total_expenses / monthly_income) * 100

# แสดงรายงานผลลัพธ์
print("\n=== MONTHLY BUDGET REPORT ===")
print(f"Income: {monthly_income:.2f} THB")
print(f"Fixed Expenses: {fixed_expenses:.2f} THB")
print(f"Variable Expenses: {variable_expenses:.2f} THB")
print(f"Total Expenses: {total_expenses:.2f} THB")
print(f"Remaining: {remaining_income:.2f} THB")

print("\n=== SAVINGS BREAKDOWN ===")
print(f"Emergency Fund ({emergency_fund_percent}%): {emergency_fund:.2f} THB")
print(f"Investment ({investment_percent}%): {investment_amount:.2f} THB")
print(f"Available for Savings: {available_savings:.2f} THB")

print("\n=== ANALYSIS ===")
print(f"Expense Ratio: {expense_ratio:.2f}%")
```

ตัวอย่างผลการรันโปรแกรม

```
=== MONTHLY BUDGET REPORT ===
Income: 25000.00 THB
Fixed Expenses: 8000.00 THB
Variable Expenses: 6000.00 THB
Total Expenses: 14000.00 THB
Remaining: 11000.00 THB

=== SAVINGS BREAKDOWN ===
Emergency Fund (10.0%): 2500.00 THB
Investment (5.0%): 1250.00 THB
Available for Savings: 7250.00 THB

=== ANALYSIS ===
Expense Ratio: 56.00%
```