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1. Find daily profit

Data-Structure

Input: int orange_tree = 15, apple_tree = 18, fruit_per_tree = 21;
float apple_price = 0.5, orange_price = 0.7;
Output: float daily_profit;

Algorithm:

Logic: apple_per_day = apple_tree * fruit_per_tree;
orange_per_day = orange_tree * fruit_per_tree;
daily_proffit = (apple_pere_day * apple_price) + (orange_per_day *
orange_price);
Control: Direct Calculation

2. Find total spending and money left

Data-Structure:

Input: int lili_money = 50, number_of_book = 4;
float book_price = 11.5;
output: float total_spending, money_left;

Algorithm:

logic: total_spend = book_price * number_of_book;
money_left = lili_money - total_spend;
Control: Direct Calculation

3. Find the needed money for the trip

Data-Structure:

Input: int number_of_student = 42, price_per_student = 78, money_have = 500;
Output: int money_needed;

Algorithm:

logic: total_spending = number_of_student * price_per_student;
money_needed = total_spending - money_have;
Control: Direct Calculation