Scenario: Island Getaway on a Budget!

You're a travel consultant for budget-conscious globetrotters, and Maya, a recent graduate, wants to book a dream vacation to Bali for two weeks next summer. She has some flexibility with her travel dates and is looking for the absolute cheapest flight option. Help Maya find the perfect flight deal by creating a Python function find_cheapest_flight(destination, flexibility_days, budget, preferred_airlines).

Conditions:

- Destination: Set to "Bali" for this scenario.
- Flexibility Days: Maya can adjust her travel dates by this number of days (e.g., +/- 3 days).
- Budget: Maya's maximum budget for round-trip flights is $2,000.
- Preferred Airlines: Maya has some favorite airlines (e.g., Garuda Indonesia, Singapore Airlines), but is open to other options if they're significantly cheaper.

Additional Considerations:

- Use if-else statements to compare prices from different airlines and booking platforms for various departure and return dates within the flexibility range.
- Implement a loop to iterate through these dates and find the flights that fall within Maya's budget.
- If multiple flights meet the budget criteria, prioritize options from preferred airlines (using nested if statements).
- Consider incorporating additional factors like baggage allowance, layover duration, and overall flight rating to refine the recommendations.

Bonus:

- Display the top 3 cheapest flight options along with their details (airline, price, dates) for Maya to compare.
- Allow Maya to specify preferred airports or stopover cities if desired.

By solving this problem, you will practice using functions, conditionals, loops, and data manipulation in a real-world travel scenario. You'll also develop problem-solving skills by considering various factors and optimizing your code for efficiency.