

Tasks:

1. Write the single line of code using and and not that sets a variable book_flight to True if (flight_cost is under the MAX_PRICE) AND (the destination is NOT "Asia").
 - Output: Print the final boolean value of book_flight.

2. Question: Write two separate print statements:
 - Use the in operator to check if employee_id is in approved_ids.
 - Use the not in operator to check if "Z999" is not in approved_ids.
 - approved_ids = ["A101", "B205", "C303", "D410"]
 - employee_id = input("Enter employee ID: ")

balance = 1000.00

deposit = 250.00

service_fee = 10.50

interest_rate = 1.05 (5% growth)

3. Question: Perform the following operations using assignment operators:

1. Apply the deposit using the `+=` operator.

2. Subtract the `service_fee` using the `-=` operator.

3. Apply the `interest_rate` multiplier (for growth) using the `*=` operator.

4. Initialize a new variable, `shares`, with the final balance. Then, use the `//=` operator on `shares` to determine how many full \$100 units (`shares`) can be purchased from that amount.

Output: Print the balance after steps 1, 2, and 3, and the final integer value of `shares` after step 4.