

## 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.