1. SELECT \* FROM fly.flights ORDER BY distance;

SELECT carrier, COUNT(\*) FROM fly.flights GROUP BY carrier ORDER BY carrier;

5. SELECT \* FROM fly.planes ORDER BY year DESC NULLS FIRST;

6. SELECT model, 2019 - year AS age\_in\_2019 FROM fly.planes ORDER BY age\_in\_2019;

SELECT \* FROM fly.planes ORDER BY type;

SELECT model, year FROM fly.planes ORDER BY 2019 - year;

SELECT model, type FROM fly.planes ORDER BY type;

7. SELECT arr\_time, AVG(arr\_delay) AS avg\_arr\_delay

FROM flights WHERE origin = 'LAX'

GROUP BY arr\_time

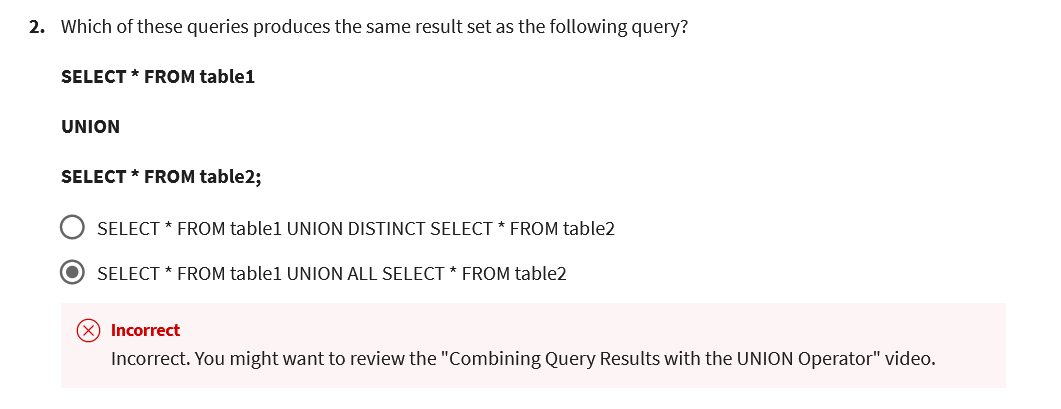
HAVING avg\_arr\_delay > 45

LIMIT 1000;

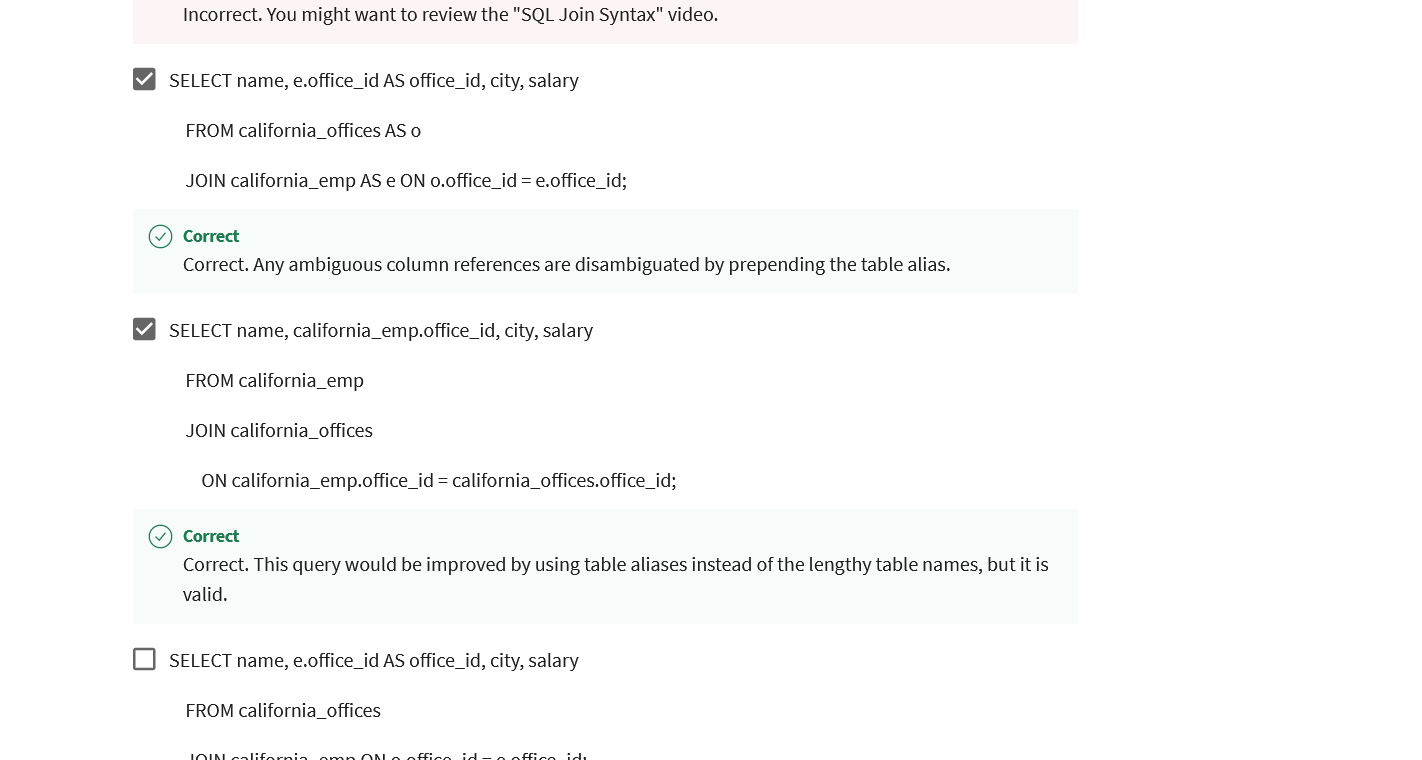
9. Return a few rows from a table to inspect some of the values

Reduce the compute resources used by the SQL engine

Protect against returning an unexpectedly large number of rows



SELECT zip\_plus\_4 AS zipcode FROM california\_emp UNION DISTINCT SELECT CAST(zip AS STRING) AS zipcode FROM california\_offices;



FROM california\_emp e LEFT OUTER JOIN california\_offices o ON e.office\_id=o.office\_id

FROM california\_emp e RIGHT OUTER JOIN california\_offices o ON e.office\_id=o.office\_id