

#### Question 5 → SQL ANSWER

The given SQL query is attempting to retrieve all rows from the "runners" table where the "id" is not present in the result of the subquery (SELECT winner\_id FROM races).

However, this query might not work as expected in cases where there are NULL values in the "winner\_id" column of the "races" table. If there are NULL values in the subquery result, the NOT IN clause will not match those NULL values, potentially leading to unexpected results.

To avoid this issue, you can use the NOT EXISTS .So the alternative solution for this would be :

```
SELECT * FROM runners r
WHERE NOT EXISTS (
  SELECT 1
  FROM races
  WHERE races.winner_id = r.id
);
```

#### Question 6

```
SELECT a.*
FROM test a a
LEFT JOIN test b b ON a.id = b.id
WHERE b.id IS NULL;
```