Quiz 8

Question # 1



What is **b** in the following MySQL statement?

CREATE VIEW a (b) AS SELECT c FROM d;

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Question # 2



Consider the following table with one column having integer data type as follows:

```
CREATE TABLE xyz(
num INT
);
```

Two views A and B are created based on this table as follows:

```
CREATE VIEW A AS

SELECT num

FROM xyz

WHERE num > 10;

CREATE VIEW B AS

SELECT num

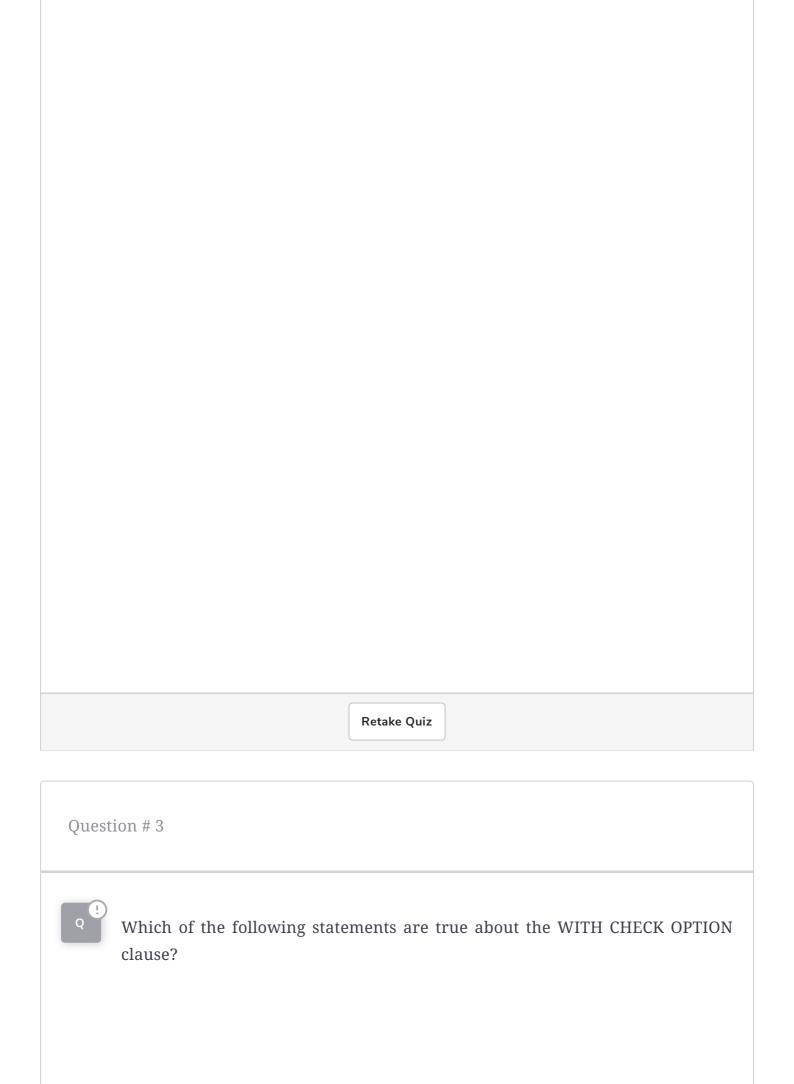
FROM A

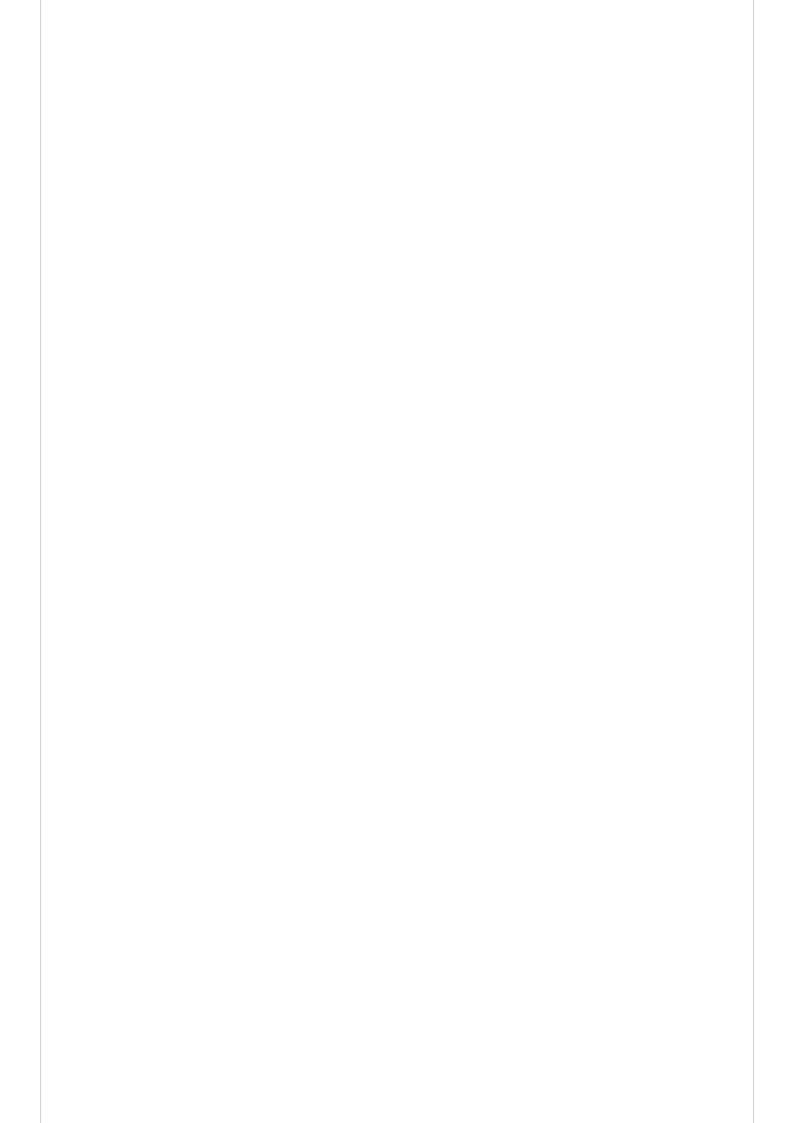
WHERE num<20

WITH CHECK OPTION;
```

What will happen when the following query is executed?

```
INSERT INTO B (num)
VALUES (5);
```





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Question #4



There is an optional **ALGORITHM** clause in **CREATE VIEW** and **ALTER VIEW** statements. It determines how MySQL processes a view. The **ALGORITHM** clause can take one of three values **MERGE**, **TEMPTABLE**, and **UNDEFINE**. Consider the following query:

```
CREATE ALGORITHM=MERGE VIEW ActorView(
Id, firstName, lastName, birthday) AS
SELECT
ActorId, FirstName, LastName, Dob
FROM Actors;
```

How will MySQL process the following query?

```
SELECT * FROM ActorView
WHERE lastname < 'J';
```

