

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 # 3



Which of the following statements are true about the WITH CHECK OPTION clause?

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';
```

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Question # 5



Which statement is true about tables and views?

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