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ou name the columns of a view in CREATE VIEW, then you have to name all the
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ou name the columns of a view in SELECT clause, then you can name just the columns
u need to rename.
table View:
Updatable view is a view that can be used in an INSERT, UPDATE or DELETE
statement to update data in the base table.
quirements for creating updatable views:
☐ Select list can't use: DISTINCT clause, aggregate functions, GROUP BY clause,
HAVING clause, ORDER BY and LIMIT clause.
view isn't updatable it's called read only view.

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- $\hfill \Box$ To change the definition of an existing view, we use the ALTER VIEW statement.
- ☐ ALTER VIEW discards the current definition for the view and replaces it with new definition in the statement.
- ☐ It is an error if the named view does not exists.

Dropping View:

- ☐ To destroy view we use DROP VIEW statement.
- ☐ The syntax is:
 - ☐ DROP VIEW [IF EXISTS] view_name [,view_name] ...;

Checking Views:

- ☐ When we define a view, any object referenced by the view (such as table, view or column) must exist.
- ☐ View can become invalid if a table, view or column on which it depends is dropped or altered.
- ☐ The syntax is:
 - ☐ CHECK TABLE view_name

MCQs:

Consider the following table:

mysql> select * from book;

id	name	author	nop	price
60	• •	vishal umesh rao	784	600.00 900.00 200.00

3 rows in set (0.00 sec)

MCQs

Q1) Which of the following is a correct view creation statement assuming the view book_java does not exists?

Options:

- A. create table book_java as select id, name from book where name like '%java%';
- B. alter view book_java as select id, name from book where name like '%java%';
- C. create view book java as select id, name from book where name like '%java%';
- D. replace view book_java as select id, name from book where name like '%java%';

Solution:

Q2) Which of the following is a correct view creation statement assuming the view book_v1 does not exists?

Options:

- A. create view book_v1 (book_name) as select name, nop from book;
- B. create view book_v1 (book_name, book_nop) as select * from book;
- C. create view book_v1 (book_nop) as select name, nop from book;
- D. create view book_v1 (book_name, book_nop) as select name, nop from book;

Solution:

Q3) Which of the following is a correct view creation statement assuming the view book_v2 does not exists? (Select two).

Options:

- A. create view book_v2 as select name as "Book Name", nop AS Number OP from book;
- B. create view book_v2 as select name as "Book Name", nop AS NOP from book;
- C. create view book_v2 as select name is "Book Name", nop IS NOP from book;
- D. create view book_v2 as select name as "Book Name", nop AS "NOP" from book;

Solution:

Q4) Which of the following is a correct way of dropping a view book_v2

Options:

A. drop book_v2;

B. drop table book_v2;

C. drop view book_v2;

D. alter view book_v2 drop;

Solution: