Lab 13
To perform the following assignments, refer to the tables in the JustLee Books database.

1. Create a view that lists the name and phone number of the contact person at each publisher. Don't include the publisher's ID in the view. Name the view CONTACT.

CREATE VIEW CONTACT
AS SELECT name, phone FROM publisher

2. Change the CONTACT view so that no users can accidentally perform DML operations on the view.

CREATE OR REPLACE VIEW CONTACT AS SELECT name, phone FROM publisher
WITH READ ONLY

3. Create a view called HOMEWORK13 that includes the columns named Col1 and Col2 from the FIRSTATTEMPT table. Make sure the view is created even if the FIRSTATTEMPT table doesn't exist.

CREATE FORCE VIEW HOMEWORK13
AS SELECT Col1, Col2 FROM FIRSTATTEMPT

4. Attempt to view the structure of the HOMEWORK13 view.

DESC HOMEWORK13

5. Create a view that lists the ISBN and title for each book in inventory along with the name and phone number of the person to contact if the book needs to be reordered. Name the view REORDERINFO.

CREATE VIEW REORDERINFO
AS SELECT isbn, name, contact, phone

6. Try to change the name of a contact person in the REORDERINFO view to your name. Was an error message displayed when performing this step? If so, what was the cause of the error message?

UPDATE REORDERINFO
SET contact = 'Ben Diegel'
WHERE contact = 'Renee Smith'

Did not work because the primary key for the table is not in the view.

7. Select one of the books in the REORDERINFO view and try to change its ISBN. Was an error message displayed when performing this step? If so, what was the cause of the error message?

UPDATE REORDERINFO
SET isbn = '9876543210'
WHERE title = 'SHORTEST POEMS'

Did not work because it violats foreign key constarints

8. Delete the record in the REORDERINFO view containing your name. (If you weren't able to perform #6 successfully, delete one of the contacts already listed in the table.) Was an error message displayed when performing this step? If so, what was the cause of the error message?

DELETE FROM REORDERINFO
WHERE contact = 'Renee Smith'

Did not work because again it violats FK constraints

9.Issue a rollback command to undo any changes made with the preceding DML operations.
ROLLBACK
10.Delete the REORDERINFO view.
DROP VIEW REORDERINFO