

## **Week 21 - Workshop tasks**

### **Topic 6: Tutorial Questions Subqueries**

1. Display names of all the authors for the books available in books table.
2. Display the Book name for all the books more than 2 in stock.
3. Display the author Last names of who has written any book of type ART.
4. Display the book code publisher name for all the books whose type is HOR.
5. Display the first names of all the authors whose books are published by ST.
6. Display Book name, publisher name and city where the price of book is more than 20.

### **Topic 8: Tutorial Questions Manipulating Data**

1. Describe the structure of the New\_Books table to identify the column names.
2. Add the first row of data to the New\_Books table from the following sample data. Do not list the columns in the INSERT statement.
3. Populate the New\_Books table with the second row of sample data from the preceding list. This time, list the column explicitly in the INSERT statement.
4. Display and confirm your addition to the table.
5. Populate the table with the next two rows of sample data by asking the user input at the time of insertion.
6. Confirm and display the addition to the table.
7. Which of the following statement is used to make data permanent, use this statement to make addition done above permanent?
  - a. SAVE
  - b. LOCK
  - c. COMMIT
  - d. ROLLBACK
8. Which of the following are DML statements? (Choose all that apply)
  - a. COMMIT
  - b. MERGE
  - c. CREATE
  - d. DELETE
  - e. UPDATE
  - f. DROP
9. Change the book title of bode code 3 to 'Mini Shopaholic' and verify the changes.
10. Increase the price of the books by £ 1 where price is less than £ 10.
11. Mark an intermediate point in the processing of the transaction and name it as update\_Books. Which of the following statement is correct?
  - a. DELETE ALL FROM New\_Books;
  - b. DELETE \* FROM New\_Books;
  - c. DELETE FROM New\_Books;

12. Empty the entire New\_Books table and also confirm that the table is empty.
13. Which of the following transaction control statement will be used to discard most recent change in the New\_Books?
- a. Commit;
  - b. SAVEPOINT update\_Books;
  - c. ROLLBACK;
  - d. ROLLBACK TO update\_Books;
14. What will happen to the transaction if we issue the following statement:
- a. ROLLBACK;
  - b. Discard and removes all the data in buffer permanently
  - c. Restore all the data in the buffer till the last savepoint
  - d. Save the data in buffer permanently.