Practical Activity 8

Integrated Activity with sub-queries (20 marks)

Information Systems

Important Notes:
- Use MS SQL Server 2014 Management Studio / SQL Server Express or any version of SQL you have installed to complete this exercise.
- All practical activities should be completed before the due date as specified in the study guide.
- Write the correct SQL code in SQL server and copy and paste your answers in the space provided in the Practical Activity 8 (available on Clickup under the Assessments link).
- This activity will be mark and the total will be worked back to 10.

CONTEXT:
The practical exercise is based on TAL Distributors database. Download the **TAL Distributors.sql** database script from ClickUP and then run the **TAL Distributors.sql** script to create and populate the database.

Queries – TAL Distributors

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1. Use a subquery to answer this question. Use the IN operator to find the number and name of each customer that placed an order after October 13 2015. **[7]**

Query Result:

2. Repeat question 1 but this time use the EXIST operator in your answer:
   Use the EXIST operator to find the number and name of each customer that placed an order after October 13 2015. **[7]**

Query Result:

3. Use a subquery to find the rep number, last name, and first name of each sales rep who represents at least one customer with a balance amount of more than or equal to $500 but less than $1000. **[6]**

Query Result:

	REP_NUM	LAST_NAME	FIRST_NAME
1	15	Campos	Rafael
2	30	Gradey	Megan

TOTAL: [20 MARKS]