

Practical Activity 7

Subqueries (10 marks)

Important Notes:

- Make sure that you log in SQL Server Management Studio under "Windows Authentication" mode
- All homework should be uploaded to ClickUP before the designated cutoff time.
- Homework is marked in class SQL scripts are what is marked
- Scripts which run and perform what they are supposed to do get full marks
- Scripts which do not run will be marked on their own merit.
- For additional assistance, please refer to https://www.w3schools.com/sql/

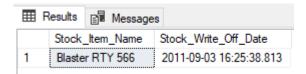
CONTEXT:

The practical exercise is based on the GotchaSystems database. Download the **GotchaSystems.sql** database script from ClickUP and then run the **GotchaSystems.sql** script to create and populate the database. **NB: You must use subqueries to yield your results for this practical (even if you can get the same result with a join statement)**

Queries – GotchaSystems

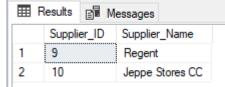
1. Use a subquery to show the stock name and stock write off date of the first stock item to be written off.





2. Use a subquery to show the suppliers who have NOT supplied anything. Show the supplier ID as well as the supplier's name.





3 Use nested queries to show the stock item name and description for the stock that has been returned due to a color reason in the stock returned reason.

[4]



4. Use a subquery to show all payments that have been made that are **NOT** associated with a MemberID.

[2]

	Payment_ID	Payment_Amount	Payment_Date
1	1	100.00	2011-09-03 00:00:00.000
2	2	200.00	2011-09-03 00:00:00.000
3	4	100.00	2011-09-03 00:00:00.000
4	5	300.00	2011-09-03 00:00:00.000
5	6	50.00	2011-09-03 00:00:00.000
6	7	1206.18	2011-09-03 00:00:00.000

TOTAL [10]



RUBRIC Practical Activity 7

(____ / 10 marks)

Student NR	Surname	Initials

MARK ALLOCATED FOR		OBTAINED	MAX
	T		
1	Subquery to show the stock which was written off first		2
2	Subquery to show the suppliers who have NOT supplied anything.		2
3	Nested queries to show the stock item name and description for the stock that has been returned due to the stock being 'incorrect'.		4
4	Subquery to show all payments that have been made that are NOT associated with a MemberID.		2
	TOTAL		10