Practical Activity 8

Revision (10 marks)

Information Systems

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 DaspoortClinic.sql Download the **DaspoortClinic.sql** database script from ClickUP and then run the **DaspoortClinic.sql** script to create and populate the database.
No new theory will be presented. From this activity onwards students will only be completing activities and tasks of increasing complexity.
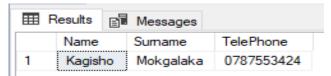
Queries – DaspoortClinic.sql

1. Write a query to show ALL conditions names, their priority, chronic condition , type name and system ID for all conditions that are of the disease type.. **[5]**

	Con_Name	Con_Priority	Con_Chronic	Con_Type_Name	Symptom_ID
1	Chronic kidney disease	Low	True	Disease	3
2	Chronic kidney disease	Low	True	Disease	4
3	Asthma	Medium	True	Disease	1
4	Asthma	Medium	True	Disease	2
5	Diabetes mellitus type 1, in adults	Low	False	Disease	5
6	Diabetes mellitus type 1, in adults	Low	False	Disease	6
7	Diabetes mellitus type 1, in adults	Low	False	Disease	7
8	Diabetes mellitus type 1, in adults	Low	False	Disease	8
9	Fever	Low	False	Disease	NULL
10	Stroke	Low	False	Disease	9
11	Stroke	Low	False	Disease	10
12	Stroke	Low	False	Disease	11
13	Stroke	Low	False	Disease	15
14	Malaria	Low	False	Disease	12
15	Malaria	Low	False	Disease	13
16	Malaria	Low	False	Disease	14
17	Malaria	Low	False	Disease	15

2. Write a query to show a patient's name, surname, telephone number, that has the patient number '1200001' which is linked to a consultation using an **EXISTS** subquery. **[5]**

	Name	Surname	TelePhone
1	Kagisho	Mokgalaka	0787553424

TOTAL [10]

INF 214

RUBRIC
Practical Activity 8
(____ / 10 marks)

Informatics
Analyse
Implement
Design
Develop
Information Systems

Student NR	Surname	Initials

MARK ALLOCATED FOR		OBTAINED	MAX

1	X3 Full outer joins.		**5**
2	EXISTS operator and where operator		**5**

	TOTAL		**10**