

Study stream : Computer Science
Level: 2nd Year Bachelor's Degree
Module: DataBase
Instructor: Dr. Bouneb M.

Practical Work N°03

Objectives:

Part one: Master querying a database using requests.

Part two: Practical exercises.

Part 01:

Consider the database from Practical work N° 02 that contains the tables: patient, doctor, appointment, visit.

1. Open your database.
2. Save the database under the name PW03-part1.
3. Provide the first and last names of patients residing in Constantine.
4. What are the phone numbers of all patients?
5. What are the first name, last name, and phone number of each doctor?
6. What is the phone number of the patient Maazouz Wail?
7. What are the first and last names of the patients who visited Dr. Haider Barkat?
8. Provide the phone numbers of patients who have an appointment with Haider Barkat on 22/01/2017 to inform them, for example, that he is unavailable.
9. What are the symptoms of the illness of the patient akache amal?
10. What is the diagnosis for the patient Siouni Hanene?
11. Provide the first and last names of patients who visited the clinic on 21/01/2017.
12. Provide the first and last names of patients who visited the clinic and reside in Skikda or Constantine.
13. Provide the first name, last name, and phone number of all dermatologists.
14. Provide the first and last names of patients who visited a cardiologist.
15. Provide the names of patients who visited a neurologist or an internist.
16. Provide the names of patients who visited a dermatologist other than the patient Masali.

17. *Provide the list of patients who visited the clinic more than three times.*
18. *Provide the first and last names of patients who scheduled an appointment but did not attend the visit.*
19. *What is the clinic's revenue for the date 21/01/2017?*
20. *Provide the different cities of patients who visited a doctor in this clinic.*

Part 02:

Consider the database client, item, order from PW N° 02:

1. *What items have been ordered in this store?*
2. *What is the number of orders for the item "Desk"?*
3. *What is the quantity ordered for each article?*
4. *What are items not ordered.*
5. *Provide the names of clients who ordered a "Living room Chair."*
6. *Provide the different cities of clients who ordered an item from this store.*
7. *What is the number of articles ordered on 22/05/2005?*
8. *What is the total revenue of each item on 22/05/2005?*
9. *What is the number of orders for the item "Folding chair"?*
10. *What the store's total revenue.*