## Given the following schema:

Doctor(<u>DId</u>, Dname, Specialty)
Patient(<u>Pid</u>, Pname, Age, Weight)
Diagnose(<u>PId</u>, <u>DId</u>, date, description)
Prescription(<u>PId</u>, <u>MId</u>, date, comment)
Medicine(Mid, MName, type)

Write down the following queries in **SQL**:

- 1. List the doctors who are specialist in Diabetes.
- 2. List the patients of Dr. Mshari
- 3. Retrieve the patients who were diagnosed by Dr. Mshari and Dr. Ghamdi
- 4. Retrieve all the medicine that were taken by "Fadh Zahrani" before 10/4/2016 and prescribed before 1/4/2016
- 5. Retrieve the number of patients who were diagnosed by Dr. Mshari before the 10/5/2016
- 6. List for each specialty and for each doctor the number of patient who were diagnosed.

S) Court(\*) Coname = "Dr. Mshari" DId = DId Date < 10/5/2016 Pld = Pid

6) Spacialty, Doctor MDiagnose M Pationt)

Oname Count(\*) (DId = DId PId = Pid)