

Test Case Queries:

1. Display the active providers(doctors) in the application:

Query:

```
select * from doctors where status=0;
```

2. Display the providers(doctors) and staffs details who are set as default assistant 1 for the provider, ordering by staff id in descending:

Query:

```
select d.doc_fname, d.doc_lname, d.position, d.dept_id, s.staff_fname, s.staff_lname, s.staff_type from doctors d inner join staff s on d.default_staff_assistant1 = s.staff_id order by s.staff_id desc ;
```

3. Display the patients with specific bloodtype and weight greater than 195 , ordering by patient id in descending order:

Query:

```
select * from patients where bloodtype='B+' and weight>195 order by pid desc;
```

4. Display the appointment and patient details with any type of “fall” included in the external cause of injury in order of the cause description:

Query:

```
select p.fname, p.lname, p.primaryphone, a.appointmentid, a.appointment_day, a.ext_cause_code, e.extcausedesc from patients p inner join appointments a on p.pid = a.patientId inner join external_code e on a.ext_cause_code = e.ExtCauseCode order by p.fname, p.lname desc;
```

5. Display the count per patients appointment with more than 1 appointment:

Query:

```
select count(*),patientId from appointments group by patientId having count(*) > 1;
```

6. Display the contact details (primary phone numbers), excluding the blank details if any, and hours for the facility which has bed capacity more than 100 :

Query:

```
select f.facility_id, f.facility_name, f.phone1, f.hours, b.bed_detail_id, b.bed_capacity_type, b.bed_capacity from facilities f join beds b on f.facility_id = b.facility_id where b.bed_capacity >100 and f.phone1!=" order by f.facility_id;
```

- 7. Display the department details of the providers who have their default appointment booking in rooms of P1 level, for the departments to be contacted to book the next month's schedule for room allocation:**

Query:

```
select d.dept_id, d.dept_name, doc.doc_fname, doc.doc_lname, r.room_type, r.level
from departments d join doctors doc on d.dept_id = doc.dept_id
join rooms r on doc.default_room = r.room_id
where r.level='p1';
```

- 8. Display the female patient's details and appointment date for reporting a fever and being diagnosed with any kind of infection:**

Query:

```
select p.pid, p.fname, p.lname, p.gender, a.appointment_day, f.temperature
from patients p join appointments a on p.pid = a.patientId
inner join fever_reported f on p.pid = f.pid
where p.gender='female';
```