- 2)Write a query in SQL to find the name of patients and their physicians who does not require any assistance of a nurse.
- 1)Write a query in SQL to obtain the name of the physician and the departments they are affiliated with.



- 3) Write a query in SQL to find the name of the patients, their treating physicians and medication.
- 4) Write a query in SQL to find the name of the patients who taken an advanced appointment, and also display their physicians and medication.

```
mysql> select ph.name as physician_name,pa.name as patient_name,m.name as medication_name from physiciane as ph,patient as pa,medication as m,prescribes as pr where pr.patient-pa.ssn and pr.physician-ph.employee id and pr.medication_name | medication_name |

John Dorian | John Smith | Procrastin-X |

Molly Clock | Dennis Doe | Thesisin |

3 rows In set (0.00 sec) |

mysql> select ph.name as physician_name,pa.name as patient_name,m.name as medication_name from physiciane as ph,patient as pa,medication as m,prescribes as pr where pr.patient-pa.ssn and pr.physician-ph.employee id and pr.medication=m.code and pr.appointment is not null;

physician_name | patient_name | medication_name |

John Dorian | John Smith | Procrastin-X |

Molly Clock | Dennis Doe | Thesisin |

John Dorian | John Smith | Procrastin-X |

Molly Clock | Dennis Doe | Thesisin |

Z rows in set (0.00 sec) |

mysql>
```

5) Write a query in SQL to obtain the name of the patients, their block, floor, and room number where they are admitted.

6)Write a query in SQL to make a report which will show - a) name of the patient, b) name of the physician who is treating him or her,c) name of the nurse who is attending him or her,d) which treatment is going on to the patient, e) the date of release, f) in which room the patient has admitted and which floor and block the room belongs to respectively.

```
mysql> SELECT p.name as patient,phy.name as physician,n.name as nurse,st.stayend as release_date,pr.name as treatement,r.roomnumber as room,r.blockfloor as floor,r.blockcode as block FROM undergoes

>> as u JOIN patient as p ON u.patient—p.ssn JOIN physiciane as phy ON u.physician-phy.employeeid LEFT JOIN nurse as n ON u.assistingnurse=n.employeeid

>> JOIN stay as st ON u.patient=st.patient JOIN room as r ON st.room=r.roomnumber JOIN procedures as pr on u.procedures=pr.code;

| patient | physician | nurse | release_date | treatement | room | floor | block | |
| John Smith | John Wen | Carla Espinosa | 2008-05-04 00:00:00 | Obtuse Pyloric Recombobulation | 111 | 1 | 2 |
| John Smith | Christopher Turk | Carla Espinosa | 2008-05-04 00:00:00 | Reversible Pancreomyoplasty | 111 | 1 | 2 |
| John Smith | John Wen | Carla Espinosa | 2008-05-04 00:00:00 | Folicular Demictomy | 111 | 1 | 2 |
| John Smith | John Wen | Carla Espinosa | 2008-05-04 00:00:00 | Folicular Demictomy | 111 | 1 | 2 |
| John Smith | Donnis Doo | Christopher Turk | Laverne Roberts | 2008-05-03 00:00:00 | Reverse Rhinopodoplasty | 112 | 1 | 2 |
| Dennis Doo | Christopher Turk | Paul Flowers | 2008-05-03 00:00:00 | Complete Walletectomy | 112 | 1 | 2 |
| Dennis Doo | Todd Quinlan | NULL | 2008-05-03 00:00:00 | Obfuscated Dermogastrotomy | 112 | 1 | 2 |
| Dennis Doo | Todd Quinlan | NULL | 2008-05-03 00:00:00 | Obfuscated Dermogastrotomy | 112 | 1 | 2 |
| Dennis Doo | Todd Quinlan | NULL | 2008-05-03 00:00:00 | Obfuscated Dermogastrotomy | 112 | 1 | 2 |
| Dennis Doo | Todd Quinlan | NULL | 2008-05-03 00:00:00 | Obfuscated Dermogastrotomy | 112 | 1 | 2 |
| Dennis Doo | Todd Quinlan | NULL | 2008-05-03 00:00:00 | Obfuscated Dermogastrotomy | 112 | 1 | 2 |
| Dennis Doo | Todd Quinlan | NULL | 2008-05-03 00:00:00 | Obfuscated Dermogastrotomy | 112 | 1 | 2 |
| Dennis Doo | Todd Quinlan | NULL | 2008-05-03 00:00:00 | Obfuscated Dermogastrotomy | 112 | 1 | 2 |
| Dennis Doo | Todd Quinlan | NULL | 2008-05-03 00:00 | Obfuscated Dermogastrotomy | 112 | 1 | 2 |
|
```

7)Write a query in SQL to obtain the name and position of all physicians who completed a medical procedure with certification after the date of expiration of their certificate.

8)Write a query in SQL to Obtain the names of all patients who had at least two appointment where the nurse who prepped the appointment was a registered nurse and the physician who has carried out primary care.

```
/sql> SELECT p.name as patient,phy.name as physician,n.name as nurse FROM appointment as a JOIN patient as p ON a.patient=p.ssn JOIN nurse as n ON a.prepnurse=n.employeeid

    OIN physiciane as phy ON p.cp=phy.cemployeeid WHERE a.patient IN
    SELECT patient FROM appointment as a GROUP BY a.patient HAVING count(*)>=2) AND n.registered=1;

                 physician
                                       nurse
John Smith
                  John Dorian
                                        | Carla Espinosa
Grace Ritchie
                   Elliot Reid
                                        | Carla Espinosa
Grace Ritchie | Elliot Reid
                                        Carla Espinosa
                 | John Dorian | Laverne Roberts
| Christopher Turk | Laverne Roberts
John Smith
Dennis Doe
rows in set (0.01 sec)
ysql>
```

9)Write a query in SQL to obtain the names of all patients who has been undergone a procedure costing more than \$5,000 and the name of that physician who has carried out primary care.

10)Write a query in SQL to Obtain the names of all patients who has been prescribed some medication by his/her physician who has carried out primary care and the name of that physician.

