1-) Display patient number,name(first and last) from appointments which are completed on 1st of May,2015.

[SELECT](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html) Appointment.patient\_id,Patient.patient\_firstname,Patient.patient\_lastname

FROM Appointment INNER JOIN Patient

ON Appointment.patient\_id=Patient.SSN

WHERE Appointment.date [LIKE](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fstring-comparison-functions.html#operator_like) '%2015-05-01%';

2-) Display patient number,name(first and last),doctor name(first and last) from appointments which are completed on 1st of May,2015.

[SELECT](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html) Appointment.patient\_id,Patient.patient\_firstname,Patient.patient\_lastname,Doctor.firstname,Doctor.lastname

FROM (AppointmentINNER JOIN Patient

ON Appointment.patient\_id=Patient.SSN)

INNER JOIN Doctor

ON Appointment.doctor\_id =Doctor.doctor\_id

WHERE Appointment.date [LIKE](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fstring-comparison-functions.html#operator_like) '%2015-05-01%';

3-) Display number of every type rooms which are in hospital and sort them by descending.

[SELECT](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html) room\_type,[COUNT](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html#function_count)(room\_type) AS 'Number'

FROM Room

GROUP BY room\_type

ORDER BY Number DESC;

4-) Display and sort(age) all patient’s informations who are older than 35.

[SELECT](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html) \* FROM `Patient`

WHERE date\_of\_birth < '1980-4-29'

ORDER BY date\_of\_birth;

5-) Display patient’s social security number, name, city and gender who are younger than 35 by sorting by using birth date.

[SELECT](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html) Patient.SSN,Patient.patient\_firstname,Patient.patient\_lastname,Patient.gender,Address.City

FROM `Patient`INNER JOIN Address

On Patient.Address\_id = Address.addr\_id   
WHERE date\_of\_birth > '1980-4-29'   
ORDER BY date\_of\_birth;

6-) Display number of female and male patients number.

[SELECT](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html) gender, [COUNT](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html#function_count)(gender) AS 'Number'

FROM Patient GROUP BY gender;

7-) Display information of room number,name,social security number and cost, patients who started to stayed at hospital on 25 April.

[SELECT](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html) Stay.room\_id,Patient.patient\_firstname,Patient.patient\_lastname,Patient.SSN,Stay.stay\_cost

FROM`Patient` INNER JOIN Stay

ON Patient.SSN=Stay.patient\_id

WHERE Patient.SSN [IN](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html#function_in) ([SELECT](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html) patient\_id FROM Stay

WHERE start\_date [LIKE](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fstring-comparison-functions.html#operator_like) '%2015-04-25%');

8-) Display doctors who have done Echocardiogram(id=11) all information.

[SELECT](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html) \* FROM `Doctor`

WHERE doctor\_id [IN](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html#function_in)( [SELECT](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html) doctor\_id FROM Procedure\_Doctor

WHERE procedure\_id=11);

9-) Display all patients first name which start with J.

[SELECT](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html) `patient\_firstname`

FROM `Patient`

WHERE `patient\_firstname` [LIKE](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fstring-comparison-functions.html#operator_like) 'J%';

10-) Display and sort(according to firstname) name,social security number,admission date and prescription code for all female patients

[SELECT](http://db.givto.me/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html)Patient.patient\_firstname,Patient.patient\_lastname,Patient.SSN,Prescription.admission\_date,Prescription.code

FROM `Prescription`INNER JOIN Patient

ON Prescription.patient\_id = Patient.SSN

WHERE Patient.gender='F'

ORDER BY Patient.patient\_firstname;