-- equi-join

SELECT Patient.Medical\_Record\_Number, Department.Medical\_Record\_Number

FROM Patient, Department

WHERE Patient.Medical\_Record\_Number = Department.Medical\_Record\_Number

-- Correlated Subquery

SELECT Employee\_ID, Employee\_First\_Name, Employee\_Last\_Name, Clinical\_Hours

FROM Physician p

WHERE Employee\_ID = (SELECT Employee\_ID

FROM GME\_Physician g

WHERE g.Employee\_ID = p. Employee\_ID AND p.Clinical\_Hours > 2040 )

ORDER BY

Employee\_First\_Name

Employee\_First\_Name

-- Inner Join

SELECT Patient.Medical\_Record\_Number, Department.Medical\_Record\_Number, Patient\_First\_Name, Patient\_Last\_Name

FROM Patient INNER JOIN Department ON Patient.Medical\_Record\_Number = Department.Medical\_Record\_Number

ORDER BY Patient\_Last\_Name

--left outer join

SELECT Patient.Financial\_Identification\_Number, Department.Financial\_Identification\_Number, Patient\_First\_Name, Nursing\_Unit

FROM Patient

LEFT OUTER JOIN Department

ON Patient.Financial\_Identification\_Number = Department.Financial\_Identification\_Number

-- Left Join

SELECT Patient.Financial\_Identification\_Number, Department.Financial\_Identification\_Number, Patient\_First\_Name, Nursing\_Unit

FROM Patient

LEFT JOIN

Department ON

Patient.Financial\_Identification\_Number = Department.Financial\_Identification\_Number

-- Natural Join

SELECT Patient.Financial\_Identification\_Number, Department.Financial\_Identification\_Number, Hospital\_ID, Patient\_First\_Name, Patient\_Last\_Name

FROM Patient

NATURAL JOIN Department

ORDER BY Patient\_Last\_Name

-- right outer join

SELECT Patient.Financial\_Identification\_Number, Department.Financial\_Identification\_Number, Patient\_First\_Name, Nursing\_Unit

FROM Patient

Right OUTER JOIN Department

ON Patient.Financial\_Identification\_Number = Department.Financial\_Identification\_Number

--Right Join

SELECT Patient.Financial\_Identification\_Number, Department.Financial\_Identification\_Number, Patient\_First\_Name, Nursing\_Unit

FROM Patient

Right JOIN

Department ON

Patient.Financial\_Identification\_Number = Department.Financial\_Identification\_Number

--Sub Query

SELECT Employee\_First\_Name, Employee\_Last\_Name

FROM Physician

WHERE Employee\_ID IN (SELECT Employee\_ID

FROM GME\_Physician

WHERE Student\_Major = 'General Medicine');