**Multiple Join syntax:**

**SELECT** t1.col, t3.col **FROM** table1 join table2 **ON** table1.primarykey = table2.foreignkey  
                                  join table3 **ON** table2.primarykey = table3.foreignkey

SELECT s.studentname

, s.studentid

, s.studentdesc

, h.hallname

FROM students s

INNER JOIN hallprefs hp

on s.studentid = hp.studentid

INNER JOIN halls h

on hp.hallid = h.hallid

**1. To List, list of Tables in particular Database Schema ‘waggle\_latest’:**

SELECT table\_name FROM information\_schema.tables WHERE table\_type = 'base table' AND table\_schema='waggle\_latest'

**2. To List, list of All Primary keys in database:**

SELECT T.TABLE\_SCHEMA AS dbname , T.TABLE\_NAME AS table\_name, T.CONSTRAINT\_NAME, C.COLUMN\_NAME AS column\_name, C.ORDINAL\_POSITION

FROM INFORMATION\_SCHEMA.TABLE\_CONSTRAINTS T

INNER JOIN INFORMATION\_SCHEMA.KEY\_COLUMN\_USAGE C ON T.CONSTRAINT\_NAME = C.CONSTRAINT\_NAME

WHERE T.CONSTRAINT\_TYPE = 'PRIMARY KEY'

**3.To List, list of assignments who have equal Goalid**

select \* from assignments join kg\_goals where assignments.GoalId=kg\_goals.GoalId

**4.list goal\_number,Goal,PreReqId who have equal goalid**

select Goal\_Number,Goal,PreReqId from kg\_goals,kg\_goal\_hierarchy where kg\_goals.GoalId=kg\_goal\_hierarchy.GoalId;

**5.multiple table join(group,student\_group,student\_profiles)**

select t1.GroupId,t2.StudentGroupId,t3.ProfileID,t3.Avatar from group as t1

inner join student\_group t2 on t1.GroupId=t2.GroupId

inner join student\_profiles t3 on t2.ProfileId=t3.ProfileId

**6.Getting list of Teacher Class**

SELECT ct.teacherid, cvd.classId, cvd.classviewid, cv.displayname FROM class\_teachers ct

INNER JOIN(class\_view\_details cvd) on (cvd.classviewregid = ct.classviewregid)

INNER JOIN (class\_views cv) on (cv.classviewid = cvd.classviewid)

WHERE ct.teacherId = TeacherId;

**Task:**

**/\*1.Write a query to get all the users whole belong to a Role Teacher for a given schoolId \*/**

select distinct tp.ProfileId ,up.LastName from teacher\_profiles as tp

join user\_profiles up

on tp.ProfileId=up.ProfileId

join user\_profiles\_school ups

on tp.ProfileId = ups.ProfileId

join schools scls

on ups.SchoolId=scls.SchoolId;

**/\*2.Write a query to get all Students and teachers for a given schoolId \*/**

select up.FirstName,up.ProfileId from user\_profiles as up

join user\_profiles\_school ups

on up.ProfileId=ups.ProfileId

join schools scls

on ups.SchoolId=scls.SchoolId;

**/\*3.Write a query to get all classes for a given teacherId \*/**

select distinct cls.ClassName from class as cls

join class\_teachers ct

on cls.ClassId=ct.ClassId

join user\_profiles\_school ups

on ct.TeacherId=ups.ProfileId;

**/\* 4.Write a query to get all the students for a given groupId \*/**

select distinct sg.ProfileId,up.FirstName from student\_group as sg

join user\_profiles up

on sg.profileId=up.ProfileId

join waggle\_latest.group grp

on sg.GroupId=grp.GroupId;

**/\* 5.Write a query to get all the assignments assigned to a student for a given studentId \*/**

**/\* for students\*/**

select distinct a1.assignmentName,sa.ProfileId from assignments as a1

join assignment\_assigned aa

on a1.AssignmentId=aa.AssignmentId

join student\_assignments sa

on aa.AssignedToId=sa.ProfileId;

**/\* for class \*/**

select distinct a1.assignmentName,aa.AssignedToId from assignments as a1

join assignment\_assigned aa

on a1.AssignmentId=aa.AssignmentId

join student\_assignments sa

on aa.AssignedToId=sa.ClassId;

**/\* 6.Write a query to get all the students who don't have any assignments \*/**

select ProfileId from student\_profiles

where ProfileId not in (select ProfileId from student\_assignments);