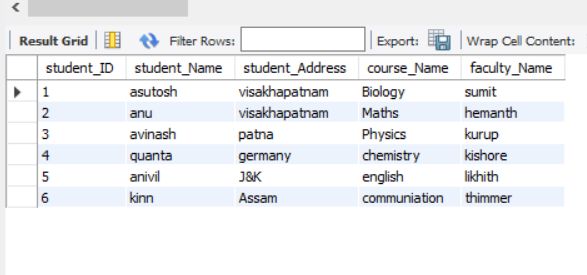
1. INNER JOINS

SELECT Students.student\_ID,Students.student\_Name,Students.student\_Address,Course.course\_Name,Faculty.faculty\_Name FROM Students

JOIN Course ON Course.student\_ID = Students.student\_ID

JOIN Faculty ON Faculty.student\_ID = Students.student\_ID ;



SELECT Students.student\_Name , Course.course\_Name FROM Students

JOIN Course

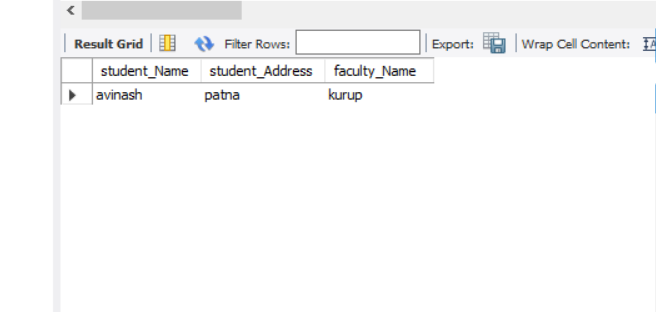
WHERE Students.student\_ID = Course.student\_ID ORDER BY Students.student\_Name;



SELECT Students.student\_Name , Students.student\_Address, Faculty.faculty\_Name FROM Faculty

JOIN Students

WHERE Students.student\_ID = Faculty.student\_ID GROUP BY Students.student\_Address HAVING Students.student\_Address = 'patna' ;

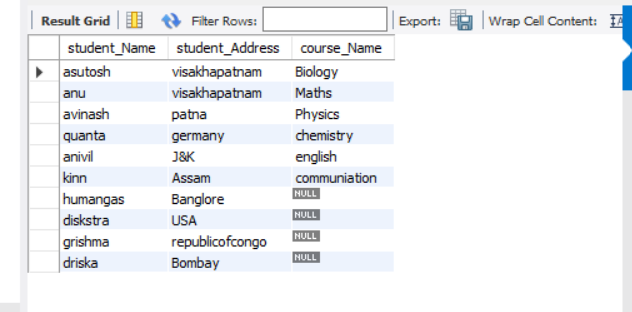


LEFT OUTER JOINS

SELECT Students.student\_Name , Students.student\_Address , Course.course\_Name FROM Students

LEFT OUTER JOIN Course

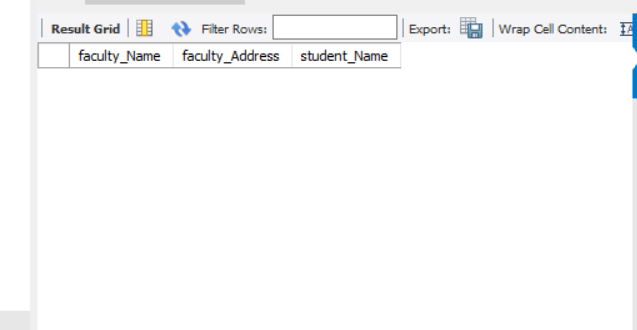
ON Students.student\_ID = Course.student\_ID ;



SELECT Faculty.faculty\_Name , Faculty.faculty\_Address , Students.student\_Name FROM Faculty

LEFT OUTER JOIN Students

ON Faculty.student\_ID = Students.student\_ID WHERE Faculty.faculty\_Name LIKE '%a';



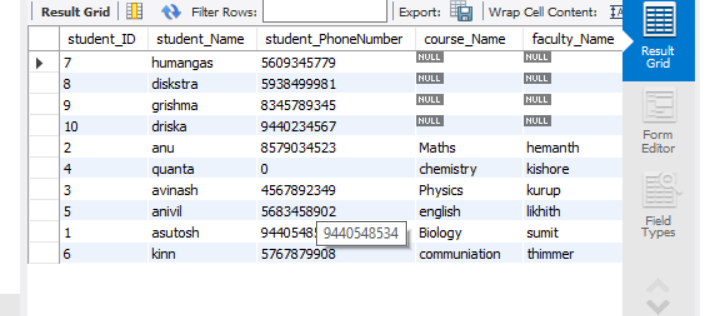
SELECT Students.student\_ID ,Students.student\_Name , Students.student\_PhoneNumber , Course.course\_Name , Faculty.faculty\_Name FROM Students

LEFT OUTER JOIN Course

ON Students.student\_ID = Course.student\_ID

LEFT OUTER JOIN Faculty

ON Students.student\_ID = Faculty.student\_ID ORDER BY Faculty.faculty\_Name ;

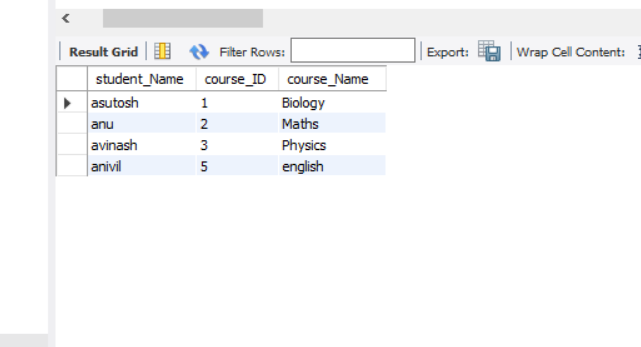


RIGHT OUTER JOINS

SELECT Students.student\_Name , Course.course\_ID , Course.course\_Name FROM Course

RIGHT OUTER JOIN Students

ON Students.student\_ID = Course.student\_ID WHERE Students.student\_Name LIKE 'a%';

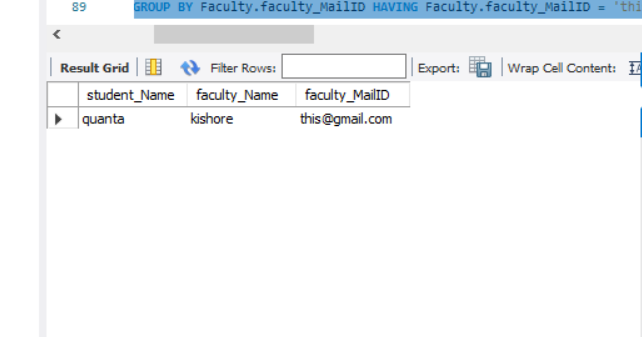


SELECT Students.student\_Name , Faculty.faculty\_Name , Faculty.faculty\_MailID

FROM Students

RIGHT OUTER JOIN Faculty

ON Students.student\_ID = Faculty.student\_ID GROUP BY Faculty.faculty\_MailID HAVING Faculty.faculty\_MailID = '[this@gmail.com](mailto:this@gmail.com)';



SELECT Students.student\_Name , Faculty.faculty\_ID , Faculty.faculty\_Name , Course.course\_Name FROM Students

RIGHT OUTER JOIN Faculty

ON Students.student\_ID = Faculty.student\_ID

RIGHT OUTER JOIN Course

ON Students.student\_ID = Course.student\_ID ;

