

lab3_ANP_C7970_Joins

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perform and demonstrate the cross-join between the student and course table

```
mysql> select*from student_data
-> cross join
-> course;
```

ID	First_Name	Last_Name	City	Age	Date_Of_Joining	course_id	course_title	credits
1	Akash	Kumar	Jaipur	24	2020-03-28	1	MCA	10
1	Akash	Kumar	Jaipur	24	2020-03-28	2	MCA	9
1	Akash	Kumar	Jaipur	24	2020-03-28	3	MCA	9.5
1	Akash	Kumar	Jaipur	24	2020-03-28	4	MBA	9.5
1	Akash	Kumar	Jaipur	24	2020-03-28	5	MBA	9
2	Aaishwarya	Ray	Mumbai	32	2020-05-29	1	MCA	10
2	Aaishwarya	Ray	Mumbai	32	2020-05-29	2	MCA	9
2	Aaishwarya	Ray	Mumbai	32	2020-05-29	3	MCA	9.5
2	Aaishwarya	Ray	Mumbai	32	2020-05-29	4	MBA	9.5
2	Aaishwarya	Ray	Mumbai	32	2020-05-29	5	MBA	9
3	Abhay	Chander	Mumbai	27	2019-08-07	1	MCA	10
3	Abhay	Chander	Mumbai	27	2019-08-07	2	MCA	9
3	Abhay	Chander	Mumbai	27	2019-08-07	3	MCA	9.5
3	Abhay	Chander	Mumbai	27	2019-08-07	4	MBA	9.5
3	Abhay	Chander	Mumbai	27	2019-08-07	5	MBA	9
4	Anagha	Ahuja	Chennai	22	2018-12-12	1	MCA	10
4	Anagha	Ahuja	Chennai	22	2018-12-12	2	MCA	9
4	Anagha	Ahuja	Chennai	22	2018-12-12	3	MCA	9.5

. perform and demonstrate the inner join on student and score table based on common id

```
mysql> select s.first_name,s.last_name,s.city,e.marks from student_data as s
-> inner join enrollment_info as e on s.id=e.id
-> where e.marks>50;
```

first_name	last_name	city	marks
Akash	Kumar	Jaipur	99
Aaishwarya	Ray	Mumbai	66
Abhay	Chander	Mumbai	76
Brijesh	Kumar	Jaipur	81
Suhas	Rai	Bangalore	56
Goutham	Sharma	Ahmedabad	79
Dilshan	Gupta	Jaipur	61
Rupali	Gupta	Chennai	75
Deepika	Verma	Ahmedabad	55
Zhyn	Jackman	Bangalore	71

10 rows in set (0.01 sec)

perform and demonstrate the left join instructor and student based on common id

```
mysql> select * from enrollment_info as e
-> left join student_data as s on s.id=e.id;
```

ID	MARKS	DID	ID	First_Name	Last_Name	City	Age	Date_Of_Joining
1	99	5007	1	Akash	Kumar	Jaipur	24	2020-03-28
2	66	5007	2	Aaishwarya	Ray	Mumbai	32	2020-05-29
3	76	5010	3	Abhay	Chander	Mumbai	27	2019-08-07
5	26	5002	5	Bishwas	Bora	Ahmedabad	44	2015-02-01
6	45	5003	6	Bimla	Bhatt	Ahmedabad	21	2021-03-21
7	81	5004	7	Brijesh	Kumar	Jaipur	22	2021-01-01
8	31	5004	8	Arjun	Shet	Bangalore	19	2020-12-31
9	28	5001	9	Ramya	Bose	Bangalore	25	2019-09-25
11	56	5002	11	Suhas	Rai	Bangalore	27	2016-05-14
12	79	5005	12	Goutham	Sharma	Ahmedabad	26	2020-07-20
13	61	5007	13	Dilshan	Gupta	Jaipur	23	2014-02-07
14	30	5009	14	Sachin	Acharya	Bangalore	22	2020-01-01
15	41	5010	15	Tanveer	Ahmed	Chennai	23	2019-05-09
16	75	5001	16	Rupali	Gupta	Chennai	21	2020-06-23
17	55	5007	17	Deepika	Verma	Ahmedabad	26	2017-08-22
19	71	5004	19	Zhyn	Jackman	Bangalore	24	2019-06-22

16 rows in set (0.00 sec)