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### Lab 3:

consider the tables from the previous 2 labs and use the tables here

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

```
mysql> SELECT *from std_details CROSS JOIN course;
```

s_id	FirstName	LastName	DateOfBirth	Gender	Email	Phone	C_id	C_title	Credits
50	vijju	mandla	2002-02-22	Male	vijju@gmail.com	2222222222	20	java	5
50	vijju	mandla	2002-02-22	Male	vijju@gmail.com	2222222222	21	python	4
50	vijju	mandla	2002-02-22	Male	vijju@gmail.com	2222222222	22	webtech	3
50	vijju	mandla	2002-02-22	Male	vijju@gmail.com	2222222222	23	testing	5
50	vijju	mandla	2002-02-22	Male	vijju@gmail.com	2222222222	24	sql	4
51	chinna	gujjula	2001-06-24	Male	chinna@gmail.com	1111111111	20	java	5
51	chinna	gujjula	2001-06-24	Male	chinna@gmail.com	1111111111	21	python	4
51	chinna	gujjula	2001-06-24	Male	chinna@gmail.com	1111111111	22	webtech	3
51	chinna	gujjula	2001-06-24	Male	chinna@gmail.com	1111111111	23	testing	5
51	chinna	gujjula	2001-06-24	Male	chinna@gmail.com	1111111111	24	sql	4
52	akhi	gujjula	2002-01-11	Female	akhi@gmial.com	3333333333	20	java	5
52	akhi	gujjula	2002-01-11	Female	akhi@gmial.com	3333333333	21	python	4
52	akhi	gujjula	2002-01-11	Female	akhi@gmial.com	3333333333	22	webtech	3
52	akhi	gujjula	2002-01-11	Female	akhi@gmial.com	3333333333	23	testing	5
52	akhi	gujjula	2002-01-11	Female	akhi@gmial.com	3333333333	24	sql	4
53	akhil	nayudu	2004-06-26	Male	akhil@gmial.com	4444444444	20	java	5
53	akhil	nayudu	2004-06-26	Male	akhil@gmial.com	4444444444	21	python	4
53	akhil	nayudu	2004-06-26	Male	akhil@gmial.com	4444444444	22	webtech	3
53	akhil	nayudu	2004-06-26	Male	akhil@gmial.com	4444444444	23	testing	5
53	akhil	nayudu	2004-06-26	Male	akhil@gmial.com	4444444444	24	sql	4

20 rows in set (0.00 sec)

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

```
mysql> SELECT *from std_details INNER JOIN Score on  
std_details.s_id=Score.s_id;
```

s_id	FirstName	LastName	DateOfBirth	Gender	Email	Phone	ScoreID	C_id	s_id	DateOfExam	CreditsObtained
50	vijju	mandla	2002-02-22	Male	vijju@gmail.com	2222222222	1001	20	50	2024-02-02	9.50
51	chinna	gujjula	2001-06-24	Male	chinna@gmail.com	1111111111	1002	21	51	2024-02-03	9.20
52	akhi	gujjula	2002-01-11	Female	akhi@gmial.com	3333333333	1003	22	52	2024-02-04	9.40
53	akhil	nayudu	2004-06-26	Male	akhil@gmial.com	4444444444	1004	23	53	2024-02-05	8.50
54	kanna	poojari	2002-05-02	Male	kanna@gmail.com	5555555555	1005	24	54	2024-02-06	7.90

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

```
mysql> select *from std_details LEFT JOIN instructor on  
std_details.Email=instructor.Email;
```

s_id	FirstName	LastName	DateOfBirth	Gender	Email	Phone	InstructorID	FirstName	LastName	Email
50	vijju	mandla	2002-02-22	Male	vijju@gmail.com	2222222222	8	vijju	mandla	vijju@gmail.com
51	chinna	gujjula	2001-06-24	Male	chinna@gmail.com	1111111111	NULL	NULL	NULL	NULL
52	akhi	gujjula	2002-01-11	Female	akhi@gmial.com	3333333333	9	akhi	gujjula	akhi@gmial.com
53	akhil	nayudu	2004-06-26	Male	akhil@gmial.com	4444444444	NULL	NULL	NULL	NULL
54	kanna	poojari	2002-05-02	Male	kanna@gmail.com	5555555555	NULL	NULL	NULL	NULL

5 rows in set (0.00 sec)