Student

	ROLLINO	NAME	ADDRESS	PHONE	Age
	1	HARSH	DELHI	XXXXXXXXX	18
	2	PRATIK	BIHAR	XXXXXXXXXX	19
	3	riyanka	SILIGURI	XXXXXXXXX	20
	4	DEEP	RAMNAGAR	XXXXXXXXX	18
		SAPTARHI	KOLKATA	XXXXXXXXX	19
	(6)	DHANRAJ	BARABAJAR	XXXXXXXXX	20
٠,	$\sqrt{7}$	ROHIT	BALURGHAT	XXXXXXXXX	18
Χ	7	NIRAJ	ALIPUR	XXXXXXXXX	19

StudentCourse

COURSE_ID	ROLL_NO
1	1
2	2
2	3
3	4
1	
4	9)
5	10
4	11

Innes join

only interection one from whe she

tables.

SELECT table1.column1,table1.column2,table2.column1,....
FROM table1
INNER JOIN table2

ON table1.matching_column = table2.matching_column;

Output:

COURSE_ID	NAME	Age
1	HARSH	18
2	PRATIK	19
2	RIYANKA	20
3	DEEP	18
1	SAPTARHI	19

SELECT table1.column1,table1.column2,table2.column1,....
FROM table1
FULL JOIN table2

ON table1.matching_column = table2.matching_column;

NAME	COURSE_ID
HARSH	1
PRATIK	2
RIYANKA	2
DEEP	3
SAPTARHI	1
DHANRAJ	NULL
ROHIT	NULL
NIRAJ	NULL
NULL	9
NULL	10
NULL	11

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all lift element and sight rows will come fur sure.
either we find the matched one or not,

1. Natural Join:

Natural Join joins two tables based on same attribute name and datatypes. The resulting table will contain all the attributes of both the table but keep only one copy of each common column.

Student Table

Roll_No	Name
1	Α
2	В
3	С

Roll_No	Marks
2	70
3	50
4	85

mp med to write where ary
on condition.

SELECT *
FROM Student NATURAL JOIN Marks;

Output:

Roll_No	Name	Marks		
2	В	70		
3	C	50		

2. Inner Join:

Inner Join joins two table on the basis of the column which is explicitly specified in the ON clause. The resulting table will contain all the attributes from both the tables including common column also.

Student Table

Roll_No	Name	
1	Α	
2	В	
3	С	

Roll_No	Marks
2	70
3	50
4	85

SELECT * FROM student S INNER JOIN Marks M ON S.Roll_No = M.Roll_No;

Output:

Roll No	Name	Roll_No	Marks	
2	В	2	70	
3	С	3	50	