LAB 7: Write SQL code to display records using inner join and outer join (left, right, full).

Source code:

For inner join

SELECT e.EID, e.ENAME,e.EDETAILS,e.ESALARY,d.LOACTION

FROM employee_task AS e JOIN branch AS d ON e.EID=d.EID;

Output:

EID	ENAME	EDETAILS	ESALARY	LOACTION
1	Anil Sharma	Senior Developer	95000	bangemudha
2	Bina Karki	UI/UX Designer	75000	bangemudha
3	Ramesh Thapa	Project Manager	110000	Swoyaambhu
4	Sita Joshi	QA Analyst	70000	Ratna Park
5	Kamal Adhikari	Backend Developer	85000	Ason

For left outer join

SELECT e.ENAME,e.EDETAILS,d.LOACTION FROM employee_task AS e LEFT OUTER JOIN branch AS d ON e.EID=d.EID;

Output:

ENAME	EDETAILS	LOACTION
Anil Sharma	Senior Developer	bangemudha
Bina Karki	UI/UX Designer	bangemudha
Ramesh Thapa	Project Manager	Swoyaambhu
Sita Joshi	QA Analyst	Ratna Park
Kamal Adhikari	Backend Developer	Ason

For right outer join

SELECT e.ENAME,e.EDETAILS,d.LOACTION FROM employee_task AS e RIGHT OUTER JOIN branch AS d ON e.EID=d.EID;

Output:

ENAME	EDETAILS	LOACTION
Anil Sharma	Senior Developer	bangemudha
Bina Karki	UI/UX Designer	bangemudha
Ramesh Thapa	Project Manager	Swoyaambhu
Sita Joshi	QA Analyst	Ratna Park
Kamal Adhikari	Backend Developer	Ason
(NULL)	(NULL)	Bus park

For full outer join

SELECT e.ENAME, e.EDETAILS,d.LOACTION FROM employee_task AS e LEFT JOIN branch AS d ON e.EID=d.EID

UNION

SELECT e.ENAME, e.EDETAILS,d.LOACTION FROM employee_task AS e RIGHT JOIN branch AS d ON e.EID=d.EID;

Output:

ENAME	EDETAILS	LOACTION
Anil Sharma	Senior Developer	bangemudha
Bina Karki	UI/UX Designer	bangemudha
Ramesh Thapa	Project Manager	Swoyaambhu
Sita Joshi	QA Analyst	Ratna Park
Kamal Adhikari	Backend Developer	Ason
(NULL)	(NULL)	Bus park