

Experiment No. 6

Aim -

Implement various join operations.

Theory -

A join clause is used to combine rows from 2 or more tables, based on related column betⁿ them.

* SQL INNER Join -

The inner join keyword selects records that have matching values in both tables.

Syntax: select column_name(s)
from table 1
INNER JOIN table 2
on table 1 . columnname = table 2 . columnname ;

* SQL LEFT JOIN -

The left join keyword returns all records from the left table, & matching records from right table.

Syntax: select column (s)
from table 1
LEFT JOIN table 2
ON table 1 . columnname = table 2 . columnname

* SQL RIGHT JOIN -

The RIGHT JOIN keyword returns all records from right table & the matching record from left table.

Syntax: select column (s)
from table 1
RIGHT JOIN table 2
ON table 1 . column-name = table 2 . column-name ;



* SQL FULL OUTER JOIN -

The FULL OUTER JOIN keyword returns all records when there is a match in left or right table record.

Syntax: Select column(s)

From table 1

FULL^{OUTER} JOIN table 2

ON table 1.column-name = table 2.column-name

where condition;

Conclusion -

Successfully implemented various join operations.