**Exists Operator with Simple Sub Query:**

The EXISTS operator tests for existence of rows in the results set of the sub query.

* If the child query returns true then the parent gets executed.
* If the child query returns false then the parent query will not get executed.

**Exists with Simple Sub Query:**

The sum of all salaries has to be done if there is any record of RESEARCH department in the dept table.

select Sum(sal) as Total

from emp

where **EXISTS** (select Null

from dept

where dname =**'RESEARCH'** )

-- Sum will be displayed

select Sum(sal) as Total

from emp

where EXISTS (select Null from dept

where dname =**'RESEARCH123'** )

-- Sum will not be displayed

**Not Exists:**

* If the child query returns true then the parent will not get executed.
* If the child query returns false then the parent query will get executed.

select Sum(sal) as Total

from emp

where **Not EXISTS** (select Null

from dept

where dname =**'RESEARCH'** )

-- Sum will not be displayed

select Sum(sal) as Total

from emp

where **Not EXISTS** (select Null from dept

where dname =**'RESEARCH123'** )

-- Sum will be displayed

**Exists can also be used in Subqueries of DML statements as well:**

Use SS

go

Select \* Into NewEmp3 From Emp

go

Delete From NewEmp3

Where Exists (select Null

from dept

where NewEmp3.Deptno = Dept.Deptno)