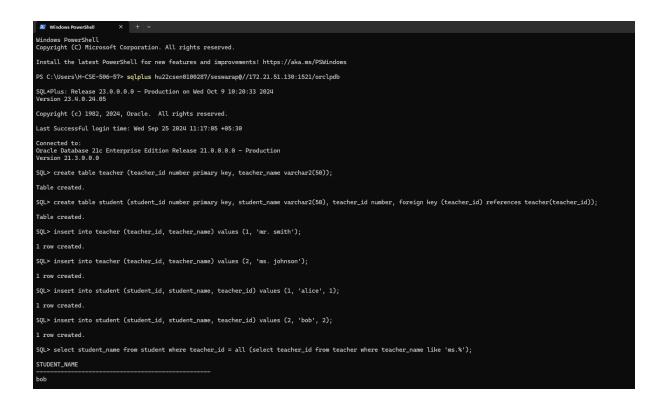
## CORRELATED QUERIES FOR NESTED QUERIES & JOIN

## HU22CSEN0100287

## Sai Ganesh Eswaraprasad



SQL> select student_name from student where teacher_id = any (select teacher_id from teacher where teacher_name like 'mr.%');
STUDENT_NAME
alice
SQL> select student_name from student s where exists (select 1 from teacher t where t.teacher_id = s.teacher_id and t.teacher_name = 'mr. smith');
STUDENT_NAME
alice
SQL> select student_name from student s where not exists (select 1 from teacher t where t.teacher_id = s.teacher_id and t.teacher_name = 'ms. johnson');
STUDENT_NAME
alice
SQL> select s.student_name from student s where s.teacher_id in (select t.teacher_id from teacher t where t.teacher_name = 'mr. smith');
STUDENT_NAME
alice
SQL> select s.student_name, t.teacher_name from student s inner join teacher t on s.teacher_id = t.teacher_id;
STUDENT_NAME
TEACHER_NAME
alice mr. smith
bob ms. johnson
SQL> select student_name, teacher_name from student natural join teacher;
STUDENT_NAME
TEACHER_NAME
alice mr. smith
bob ms. johnson
SOLA calact a student name it taashan name from student a laft outen jain taashan tin a staashan id - t taashan id:
SQL> select s.student_name, t.teacher_name from student s left outer join teacher t on s.teacher_id = t.teacher_id;
STUDENT_NAME
TEACHER_NAME
alice mr. smith
bob ms. johnson
SQL> select s.student_name, t.teacher_name from student s right outer join teacher t on s.teacher_id = t.teacher_id;
SQL> select s.student_name, t.teacher_name from student s right outer join teacher t on s.teacher_id = t.teacher_id;  STUDENT_NAME
STUDENT_NAME
STUDENT_NAME
STUDENT_NAME TEACHER_NAME alice
STUDENT_NAME TEACHER_NAME alice mr. smith bob
STUDENT_NAME
STUDENT_NAME TEACHER_NAME alice mr. smith bob ms. johnson  SQL> select s.student_name, t.teacher_name from student s full outer join teacher t on s.teacher_id = t.teacher_id;
STUDENT_NAME TEACHER_NAME alice mr. smith bob ms. johnson  SQL> select s.student_name, t.teacher_name from student s full outer join teacher t on s.teacher_id = t.teacher_id;  STUDENT_NAME
STUDENT_NAMETEACHER_NAME
STUDENT_NAME
STUDENT_NAMETEACHER_NAME
STUDENT_NAME  TEACHER_NAME  alice mr. smith  bob ms. johnson  SQL> select s.student_name, t.teacher_name from student s full outer join teacher t on s.teacher_id = t.teacher_id;  STUDENT_NAME  TEACHER_NAME  alice mr. smith  bob ms. johnson
STUDENT_NAME TEACHER_NAME alice mr. smith bob ms. johnson  SQL> select s.student_name, t.teacher_name from student s full outer join teacher t on s.teacher_id = t.teacher_id;  STUDENT_NAME TEACHER_NAME alice mr. smith bob ms. johnson  SQL> commit;