# SQL-Joins

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SQL> system connect

SP2-0734: unknown command beginning "system con..." - rest of line ignored.

SQL> connect system

Enter password:

Connected.

SQL> create table agents(agent\_code varchar2(5),agent\_Name varchar(5),working\_area varchar(10));

create table agents(agent\_code varchar2(5),agent\_Name varchar(5),working\_area varchar(10))

\*

ERROR at line 1:

ORA-00955: name is already used by an existing object

SQL> create table agents(agent\_code varchar2(5),agent\_Name varchar(5),working\_area varchar(10));

Table created.

SQL> insert into agents values('A101','agent','chennai');

1 row created.

SQL> insert into agents values('A101','agent','chennai');

1 row created.

SQL> drop table agents;

Table dropped.

SQL> create table agents(agent\_code varchar2(5),agent\_Name varchar(5),working\_area varchar(10));

Table created.

SQL> insert into agents values('A101','agent','chennai');

1 row created.

SQL> insert into agents values('A102','agen2','chennai');

1 row created.

SQL> insert into agents values('A103','agen3','Bangalore');

1 row created.

SQL> insert into agents values('A104','agen4','Bangalore');

1 row created.

SQL> select \* from agents;

AGENT AGENT WORKING\_AR

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A101 agent chennai

A102 agen2 chennai

A103 agen3 Bangalore

A104 agen4 Bangalore

SQL> create table customers(customer\_code varchar2(5),customer\_Name varchar(5),customer\_area varchar(10));

Table created.

SQL> insert into customers values('C101','cust1','chennai');

1 row created.

SQL> insert into customers values('C102','cust2','chennai');

1 row created.

SQL> insert into customers values('C103','cust3','chennai');

1 row created.

SQL> insert into customers values('C104','cust4','Banglore');

1 row created.

SQL> insert into customers values('C105','cust5','Banglore');

1 row created.

SQL> select \* from customers;

CUSTO CUSTO CUSTOMER\_A

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C101 cust1 chennai

C102 cust2 chennai

C103 cust3 chennai

C104 cust4 Banglore

C105 cust5 Banglore

SQL> select \* from customers where customer\_area=(select working\_area from agents where agent\_code='A101');

CUSTO CUSTO CUSTOMER\_A

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C101 cust1 chennai

C102 cust2 chennai

C103 cust3 chennai

SQL> select \* from customers where customer\_area=(select working\_area from agents where agent\_code='A101' or agent\_code='A104');

select \* from customers where customer\_area=(select working\_area from agents where agent\_code='A101' or agent\_code='A104')

\*

ERROR at line 1:

ORA-01427: single-row subquery returns more than one row

SQL> select \* from customers where customer\_area in (select working\_area from agents where agent\_code='A101' or agent\_code='A104');

CUSTO CUSTO CUSTOMER\_A

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C103 cust3 chennai

C102 cust2 chennai

C101 cust1 chennai

SQL>