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SQL>
SQL> create table Orders(Ord_num number(4),Ord_amount number(5),Advance_amount number(5),Ord_date va
rchar(25),Cust_code varchar(4),Agent_code varchar(5),Descriptions varchar(20));

Table created.

SQL> insert into orders values('004',200,3000,'15-aug-2020','C004','AC001','Masala kulcha');

1 row created.

SQL> insert into orders values('007',600,5000,'17-sep-2020','C006','AC003','Biriyani');

1 row created.

SQL> insert into orders values('008',700,100,'19-feb-2019','C007','AC005','');

1 row created.

SQL> insert into orders values('009',10000,600,'21-march-2010','C009','AC008','Masala dosa');

1 row created.

SQL> insert into orders values('010',20,600,'21-apr-2012','C006','AC005','');

1 row created.

SQL> create table Agents(Agent_code varchar(5),Agent_name varchar(25),Working_area varchar(25),Commi
ssion float(5),Phone_no number(24),Country varchar(20));
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SQL> create table Agents(Agent_code varchar(5),Agent_name varchar(25),Working_area varchar(25),Commision float(5),Phone_no number(24),Country varchar(20));
Table created.
SQL> insert into Agents values('AC001','Ramesh','Banglore','.15','0331234567','India');
1 row created.
SQL> insert into Agents values('AC002','Dinesh','Banglore','.25','0331234568','');
1 row created.
SQL> insert into Agents values('AC003','Suresh','Mumbai','.35','0331234569','London');
1 row created.
SQL> insert into Agents values('AC004','Kamlesh','New jersey','.68','0331234564','');
1 row created.
SQL> insert into Agents values('AC005','Kartik','chennai','.73','0331234563','India');
1 row created.
SQL> select ord_num,ord_amount,ord_date,cust_code,agent_code from orders where agent_code in (select agent_code from agents where (working_area='Banglore'));

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| ORD_NUM | ORD_AMOUNT | ORD_DATE | CUST | AGENT |
|---------|------------|-------------|------|-------|
| 4 | 200 | 15-aug-2020 | C004 | AC001 |

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SQL> select ord_num,ord_amount,cust_code,agent_code from orders where agent_code in (select agent_code from agents where (agents.agent_code=orders.agent_code and agent_name='Ramesh'));

```

| ORD_NUM | ORD_AMOUNT | CUST | AGENT |
|---------|------------|------|-------|
| 4 | 200 | C004 | AC001 |

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SQL> |
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SQL> create table employees(employee_id number(7),first_name varchar(15),last_name varchar(15),email
varchar(40),phone_number number(10),hire_date varchar(15),jobid varchar(6),salary number(6),manager
_id number(5),department_id varchar(4));

Table created.

SQL> alter table employees modify manager_id varchar(7);

Table altered.

SQL> insert into employees values(700,'Hasmukh','Patel','hp@gmail.com',7003216160,'15-aug-2020','Hp0
03',7000,,'90');
insert into employees values(700,'Hasmukh','Patel','hp@gmail.com',7003216160,'15-aug-2020','Hp003',7
ERROR at line 1:
ORA-00936: missing expression

SQL> insert into employees values(800,'Kamlesh','Paul','kp@gmail.com',7003216270,'17-feb-2020','Kp00
4',8000,'506',,'90');

1 row created.

SQL> insert into employees values(900,'Dinesh','Gandhi','dp@yahoo.com',9136278563,'19-march-2101','D
g006',20000,'508','80');

1 row created.

SQL> insert into employees values(701,'Suresh','Modi','sm@gmail.com',9187653294,'20-april-2015','Sm0
09',15000,'','80');

1 row created.

SQL> insert into employees values(700,'Hasmukh','Patel','hp@gmail.com',7003216160,'15-aug-2020','Hp0
03',7000,,'90');

1 row created.

SQL> |
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1 row created.

SQL> select employee_id,manager_id,first_name,last_name from employees where manager_id in(select manager_id from employees where manager_id>'0');

| EMPLOYEE_ID | MANAGER | FIRST_NAME | LAST_NAME |
|-------------|---------|------------|-----------|
| 800 | 506 | Kamlesh | Paul |
| 900 | 508 | Dinesh | Gandhi |

SQL> select employee_id,manager_id,first_name,last_name from employees where manager_id is null;

| EMPLOYEE_ID | MANAGER | FIRST_NAME | LAST_NAME |
|-------------|---------|------------|-----------|
| 701 | | Suresh | Modi |
| 700 | | Hasmukh | Patel |

SQL>

SQL> create table salesman(salesman_id varchar2(10), name varchar2(10),city varchar2(10),commission varchar2(10));

Table created.

SQL> insert into salesman values('si123@06','Lakshmi','Kolkata','.5');

1 row created.

SQL> insert into salesman values('si123@09','Ganesh','London','.6');

1 row created.

SQL> insert into salesman values('si123@90','Dinesh','London','.3');

1 row created.

SQL> insert into salesman values('si123@10','Joseph','Chennai','.6');

1 row created.

SQL> insert into salesman values('si123@19','Mahesh','Huderabad','.65');

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1 row created.

SQL> insert into salesman values('si123@19','Mahesh','Hyderabad','.65');

1 row created.

SQL> insert into salesman values('si123@26','Paul Adam','London','.1');

1 row created.

SQL> insert into salesman values('si123@67','Rahul','Delhi','.4');

1 row created.

SQL> create table orders1(Ord_no int, Purch_amt int, Ord_date varchar2(15), Customer_id varchar2(8),
Salesman_id varchar2(12));

Table created.

SQL> insert into orders1 values('123','600','20-aug-2010','003cd','si123@19');

1 row created.

SQL> insert into orders1 values('576','750','20-feb-2018','004cd','si123@19');

1 row created.

SQL> insert into orders1 values('579','800','20-may-2012','004cd','si123@26');

1 row created.

SQL> insert into orders1 values('600','60000','20-jan-2021','006cd','si123@10');

1 row created.

SQL> insert into orders1 values('700','745','26-jan-2021','007cd','si123@09');

1 row created.

SQL>
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```
SQL> insert into orders1 values('576','750','20-Feb-2018','004cd','si123@19');

1 row created.

SQL> insert into orders1 values('579','800','20-may-2012','004cd','si123@26');

1 row created.

SQL> insert into orders1 values('600','60000','20-jan-2021','006cd','si123@10');

1 row created.

SQL> insert into orders1 values('700','745','26-jan-2021','007cd','si123@09');

1 row created.

SQL> insert into orders1 values('800','860','29-jan-2019','007cd','si123@26');

1 row created.

SQL> Select *from orders1 where salesman_id in (select salesman_id from salesman where name='Paul Adams');

  ORD_NO  PURCH_AMT  ORD_DATE      CUSTOMER  SALESMAN_ID
-----
      800         860 29-jan-2019    007cd    si123@26
      579         800 20-may-2012    004cd    si123@26

SQL> Select *from orders1 where salesman_id in (select salesman_id from salesman where city='London');

  ORD_NO  PURCH_AMT  ORD_DATE      CUSTOMER  SALESMAN_ID
-----
      700         745 26-jan-2021    007cd    si123@09
      800         860 29-jan-2019    007cd    si123@26
      579         800 20-may-2012    004cd    si123@26

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