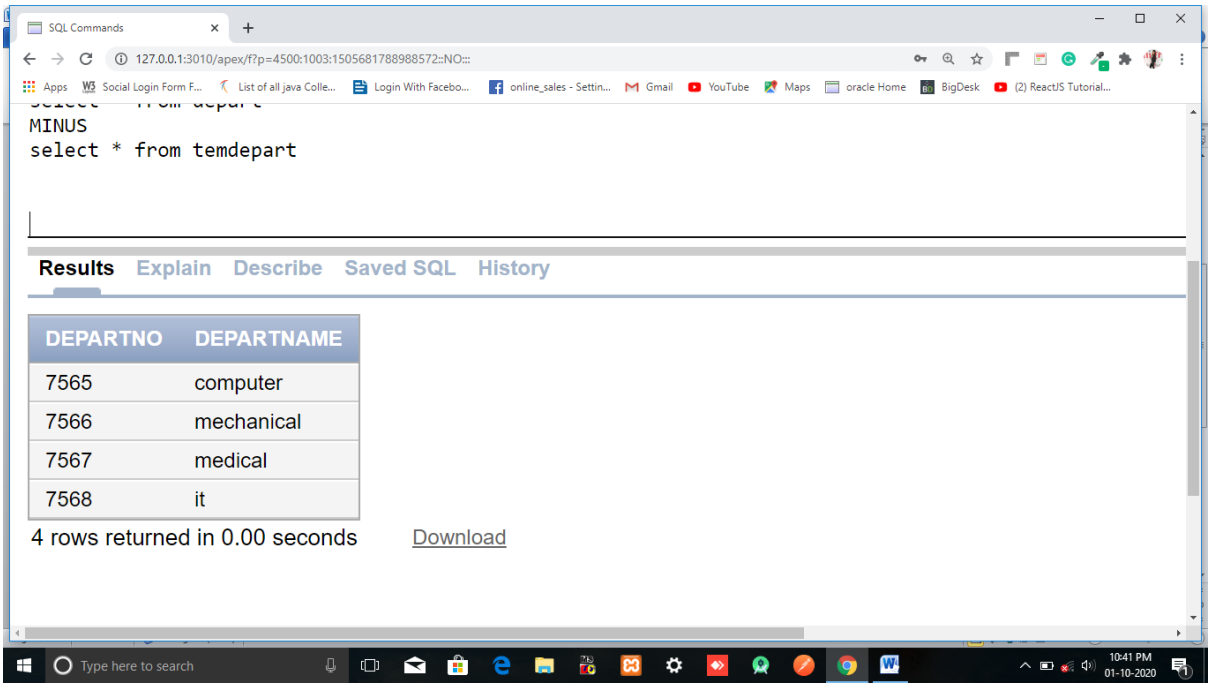
AMI: implement SQL queries using set operations like union, union all, intersect, and minus.

1. Display all the dept numbers available with the dept and accdept table avoiding duplicates.

CODE:

```
create table deprt(deptno number(6),deptname varchar(20));
insert into depart  values(7568,'it');
insert into depart values(7567,'medical');
insert into depart values(7566,'mechanical');
insert into depart values(7565,'computer');
select * from depart;
create table temdepart(dpno number(12),dpname  varchar(15));
insert into temdepart values(7544,'textile');
insert into temdepart values(7543,'it');
insert into temdepart values(7542,'madical');
insert into temdepart values(7541,'computer');
select * from temdepart;
select * from depart
MINUS
select * from temdepart
```

OUTPUT:

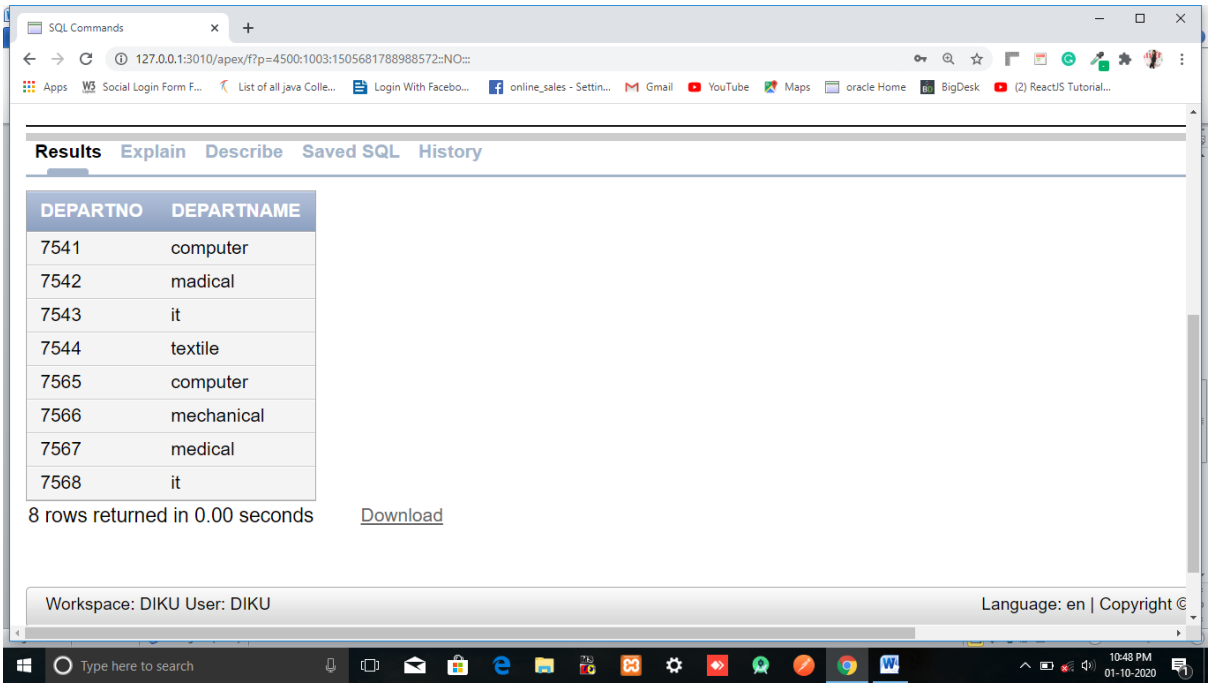


2.display all the dept numbers available with the dept and accdept tables.

CODE:

```
create table deprt(deptno number(6),deptname varchar(20));
insert into depart  values(7568,'it');
insert into depart values(7567,'medical');
insert into depart values(7566,'mechanical');
insert into depart values(7565,'computer');
select * from depart;
create table temdepart(dpno number(12),dpname  varchar(15));
insert into temdepart values(7544,'textile');
insert into temdepart values(7543,'it');
insert into temdepart values(7542,'madical');
select * from temdepart;
select * from depart
union
select * from temdepart
```

OUTPUT:

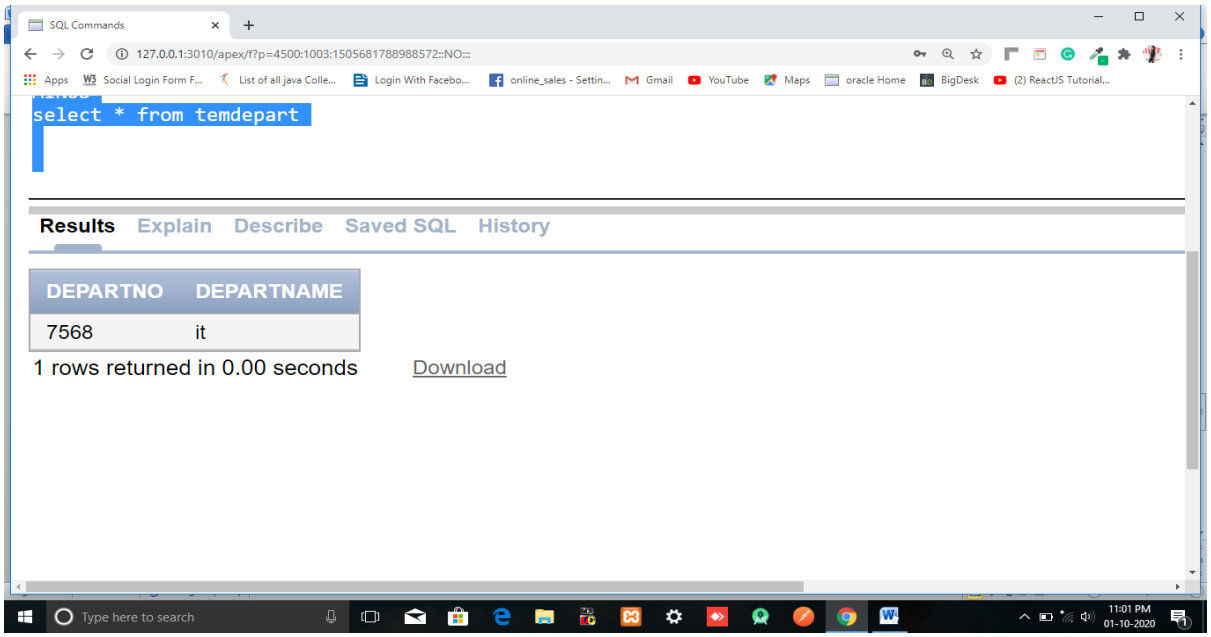


3.display deptno available in both the dept and accdept tables.

CODE:

```
create table deprt(deptno number(6),deptname varchar(20));
insert into temdepart  values(7568,'it');
insert into depart values(7567,'medical');
insert into depart values(7566,'mechanical');
insert into depart values(7565,'computer');
select * from depart;
create table temdepart(dpno number(12),dpname  varchar(15));
insert into temdepart values(7544,'textile');
insert into temdepart values(7543,'it');
insert into temdepart values(7542,'madical');
select * from temdepart;
select * from depart
INTERSECT
select * from temdepart
```

OUTPUT:

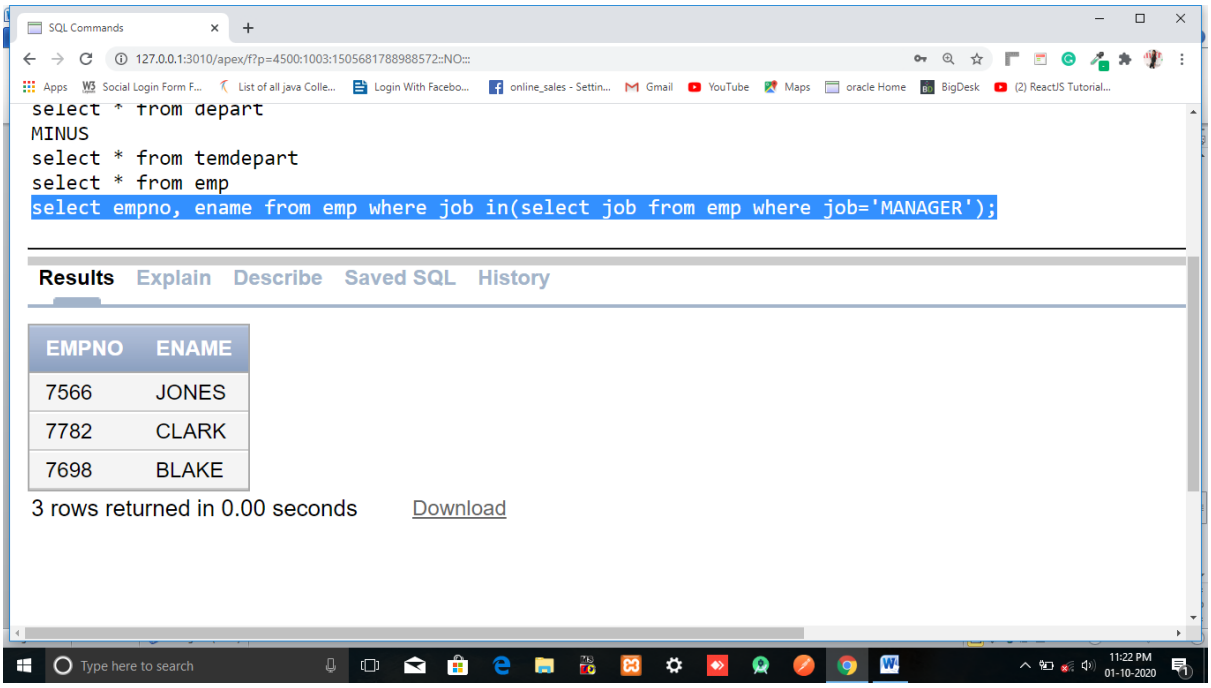

SQL Commands
127.0.0.1:3010/apex/f?p=4500:1003:1505681788988572::NO::
select * from temdepart
Results
Explain
Describe
Saved SQL
History
DEPARTNO
DEPARTNAME
7568
it
1 rows returned in 0.00 seconds
Download

4. list out name of persons who are either customer or employee.

CODE:

```
select empno, ename from emp where job in(select job from emp where
job='MANAGER');
```

OUTPUT:

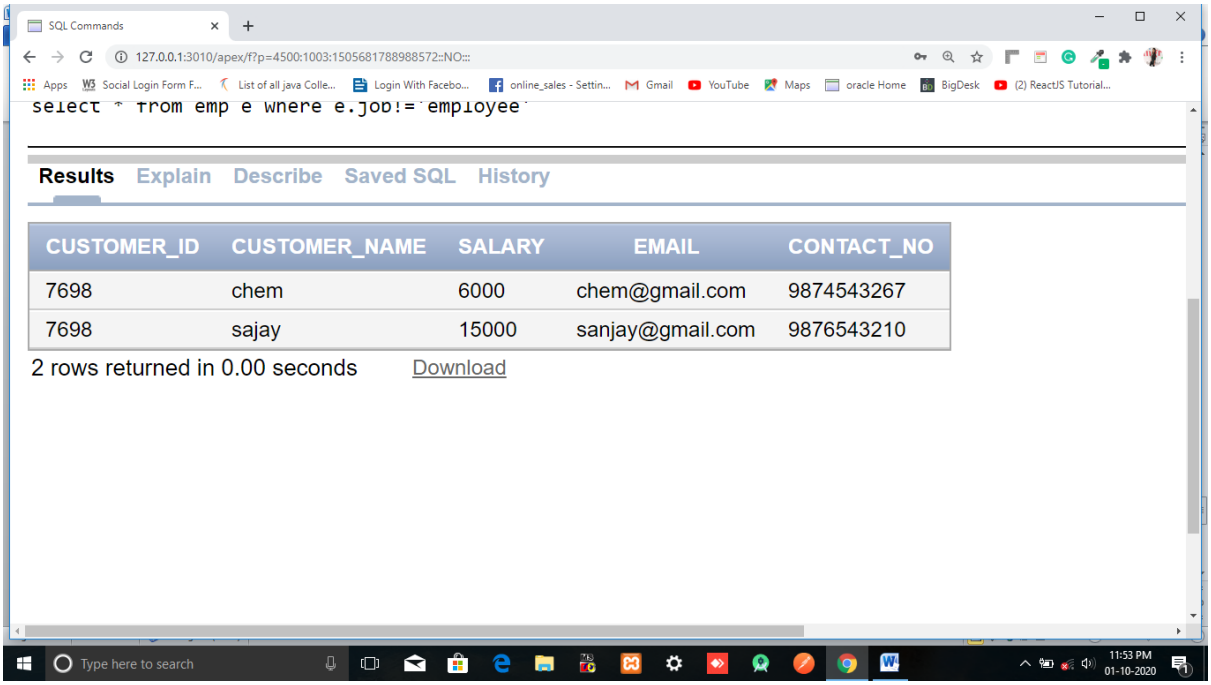


5. list out name of persons who are customer as well as employee

CODE:

```
select c.customer_id,c.customer_name,c.salary,c.email,c.contact_no
from customer c inner join emp e on c.job=e.job
```

OUTPUT:

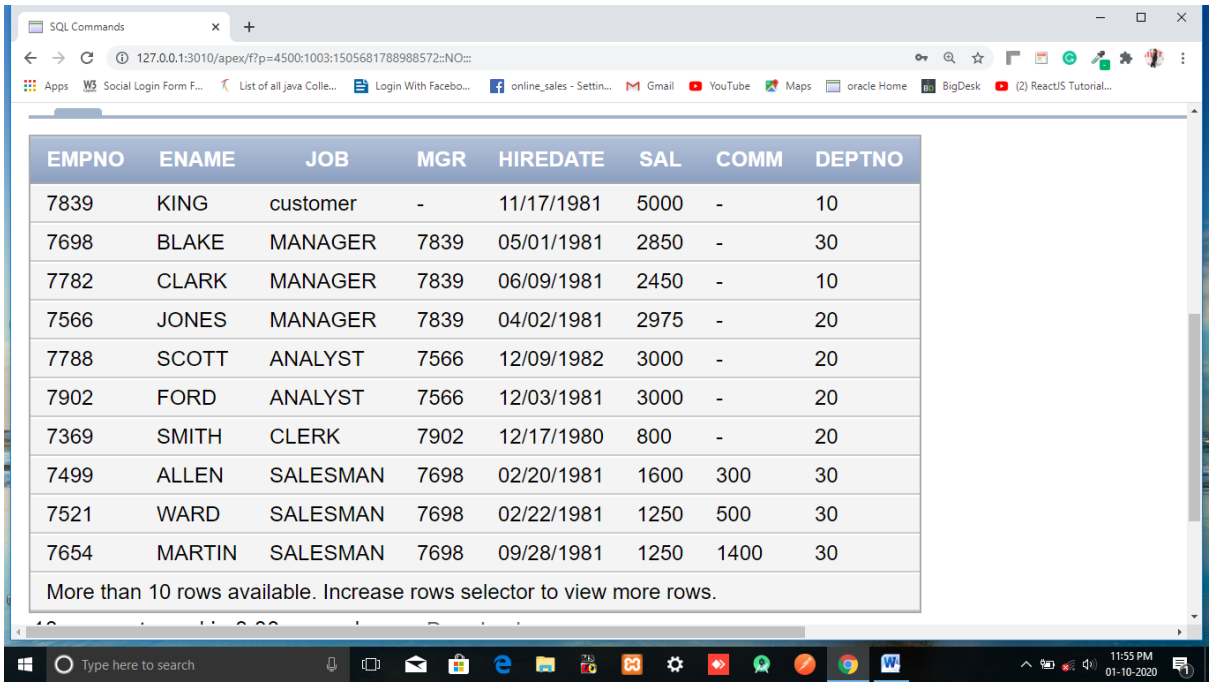


6. list out name of persons who are customer as well as employee.

CODE:

```
select * from emp e where e.job!='employee'
```

OUTPUT:



EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7839	KING	customer	-	11/17/1981	5000	-	10
7698	BLAKE	MANAGER	7839	05/01/1981	2850	-	30
7782	CLARK	MANAGER	7839	06/09/1981	2450	-	10
7566	JONES	MANAGER	7839	04/02/1981	2975	-	20
7788	SCOTT	ANALYST	7566	12/09/1982	3000	-	20
7902	FORD	ANALYST	7566	12/03/1981	3000	-	20
7369	SMITH	CLERK	7902	12/17/1980	800	-	20
7499	ALLEN	SALESMAN	7698	02/20/1981	1600	300	30
7521	WARD	SALESMAN	7698	02/22/1981	1250	500	30
7654	MARTIN	SALESMAN	7698	09/28/1981	1250	1400	30
More than 10 rows available. Increase rows selector to view more rows.							