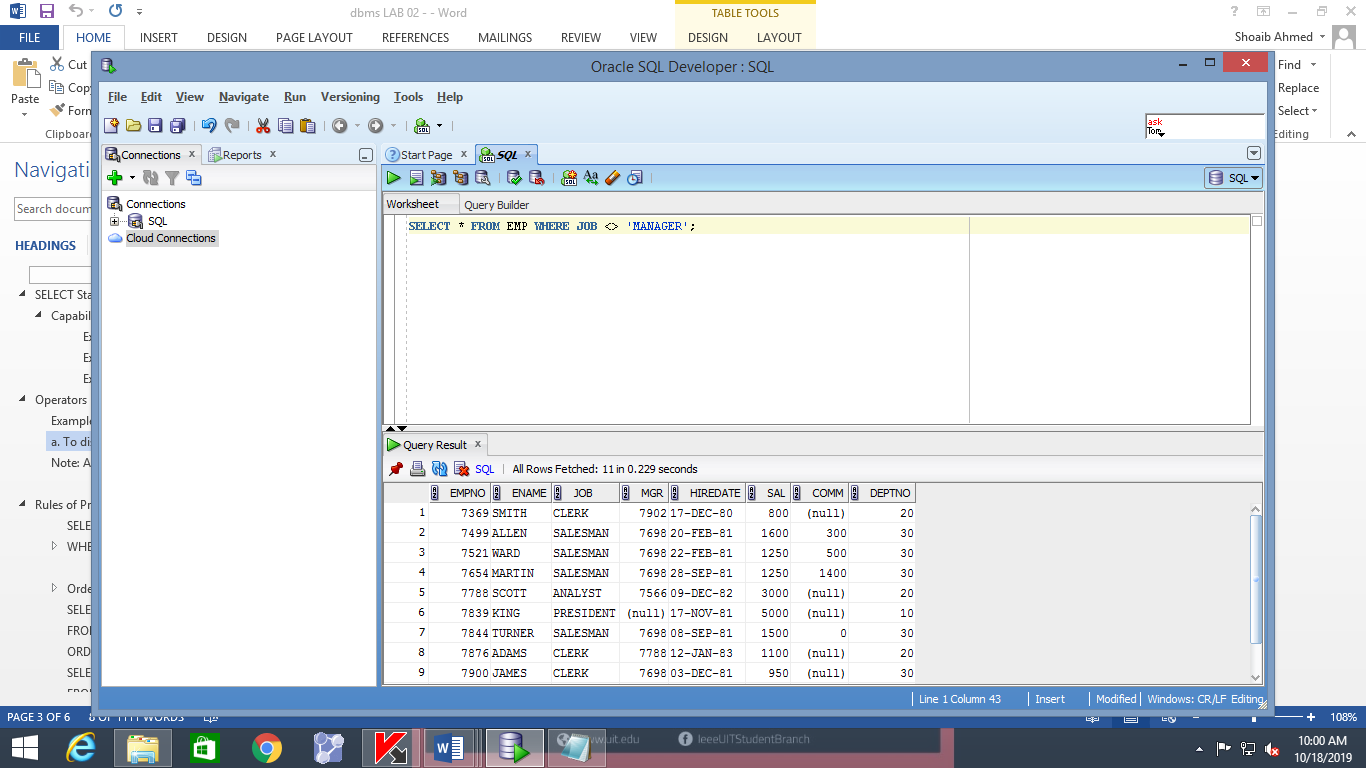
**LAB WORK**

**EXAMPLES**

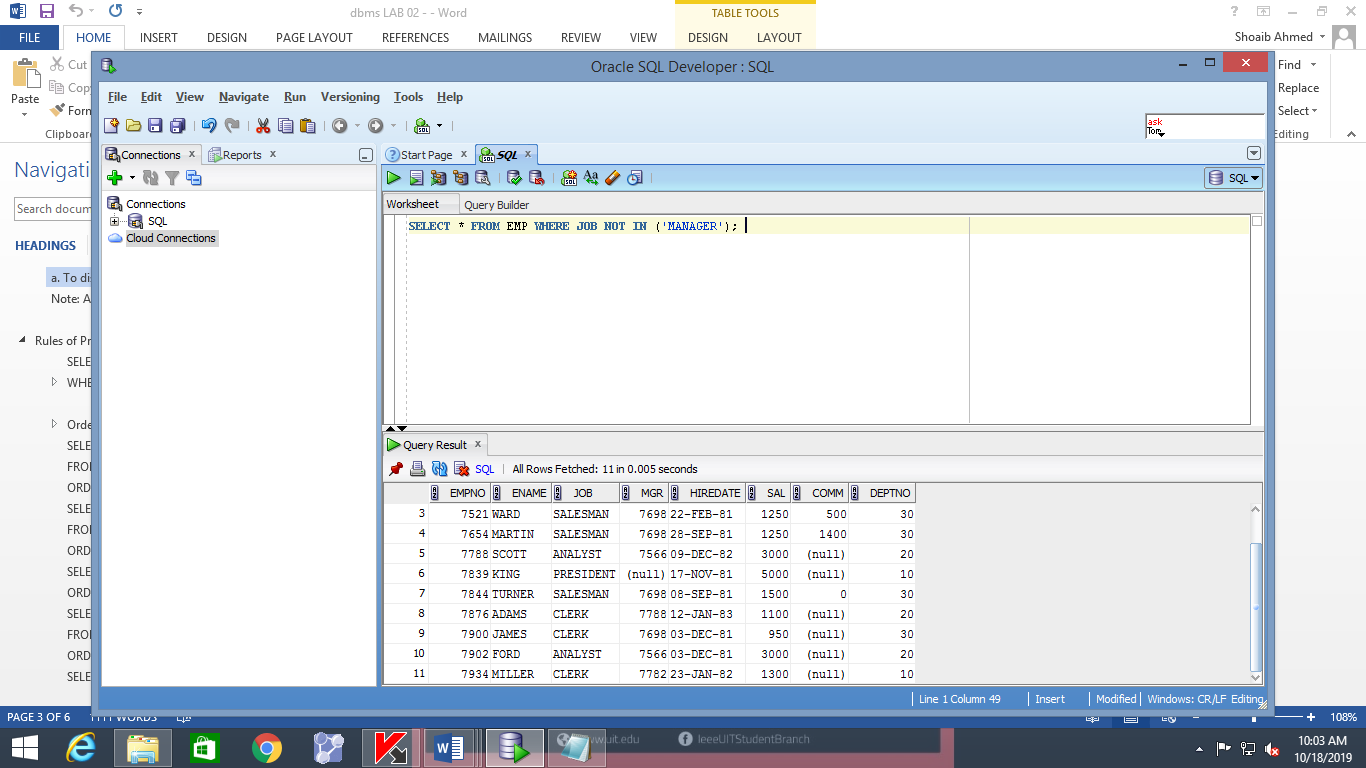
**(A)**

## To display record of employees who are not managers

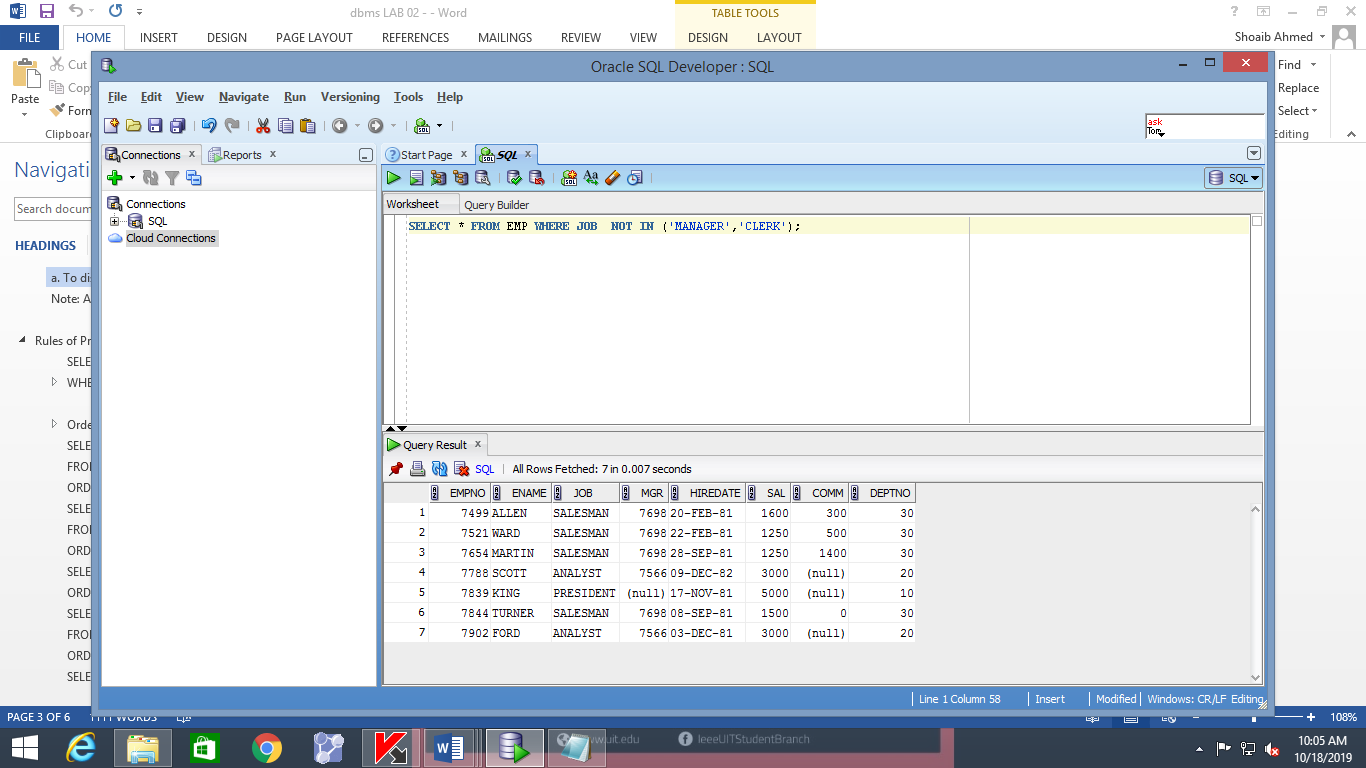
SELECT \* FROM EMP WHERE JOB <> ‘MANAGER’;

****

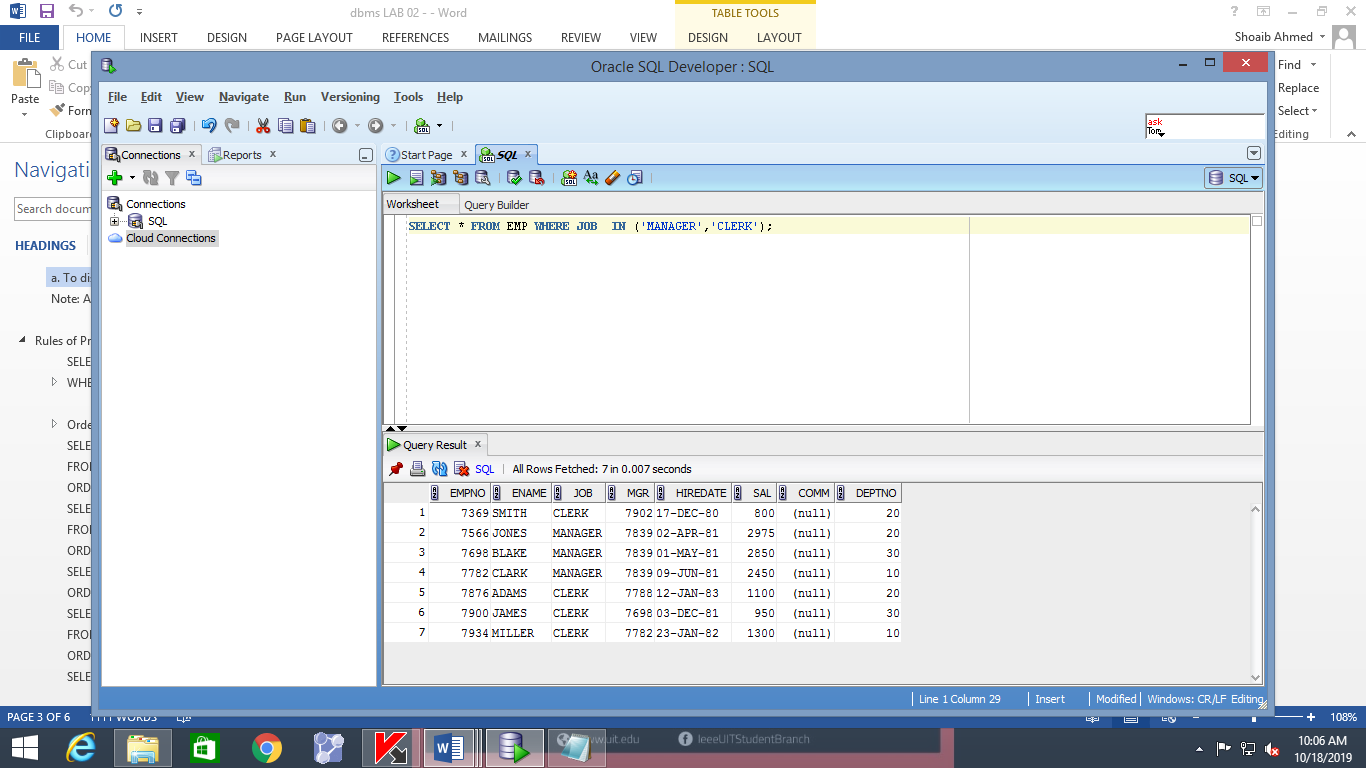
SELECT \* FROM EMP WHERE JOB NOT IN (‘MANAGER’);

****

SELECT \* FROM EMP WHERE JOB NOT IN (‘MANAGER’,’CLERK’);

****

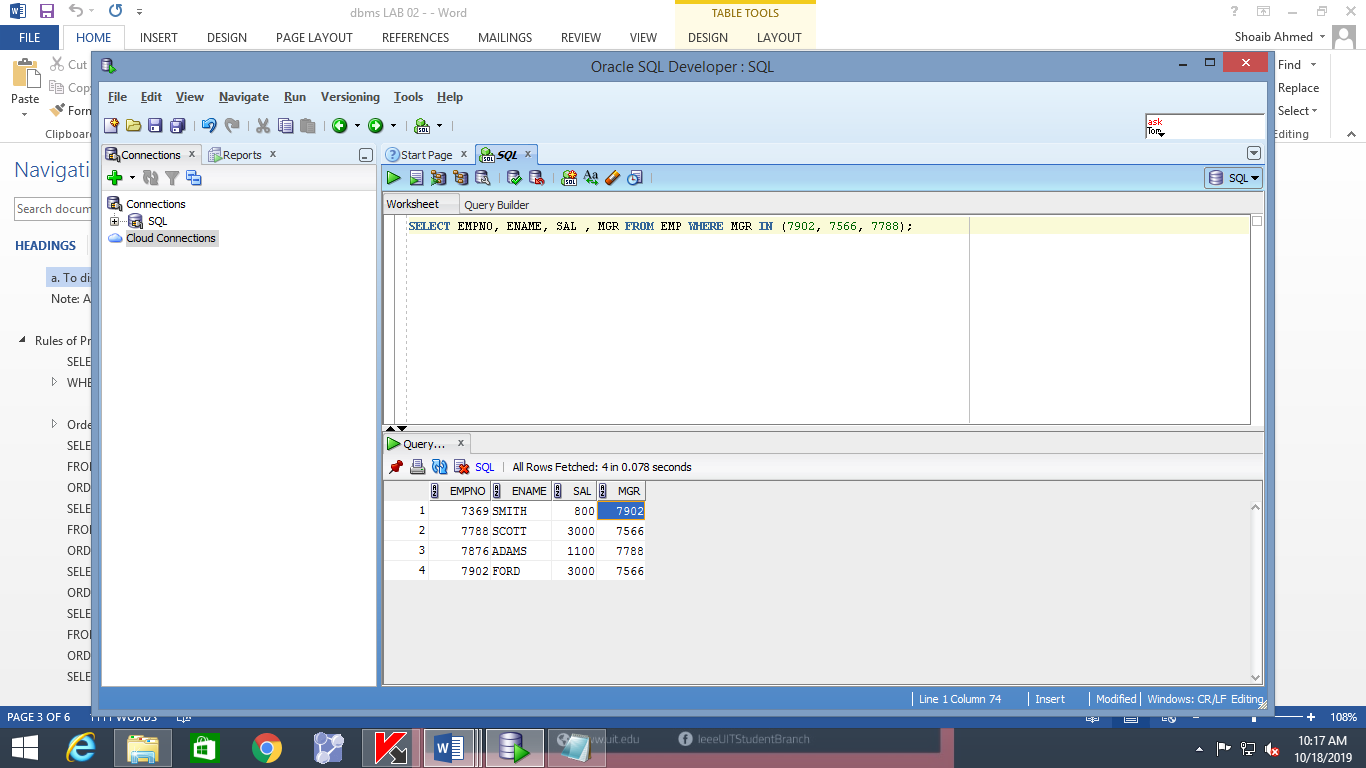
SELECT \* FROM EMP WHERE JOB IN (‘MANAGER’,’CLERK’);

****

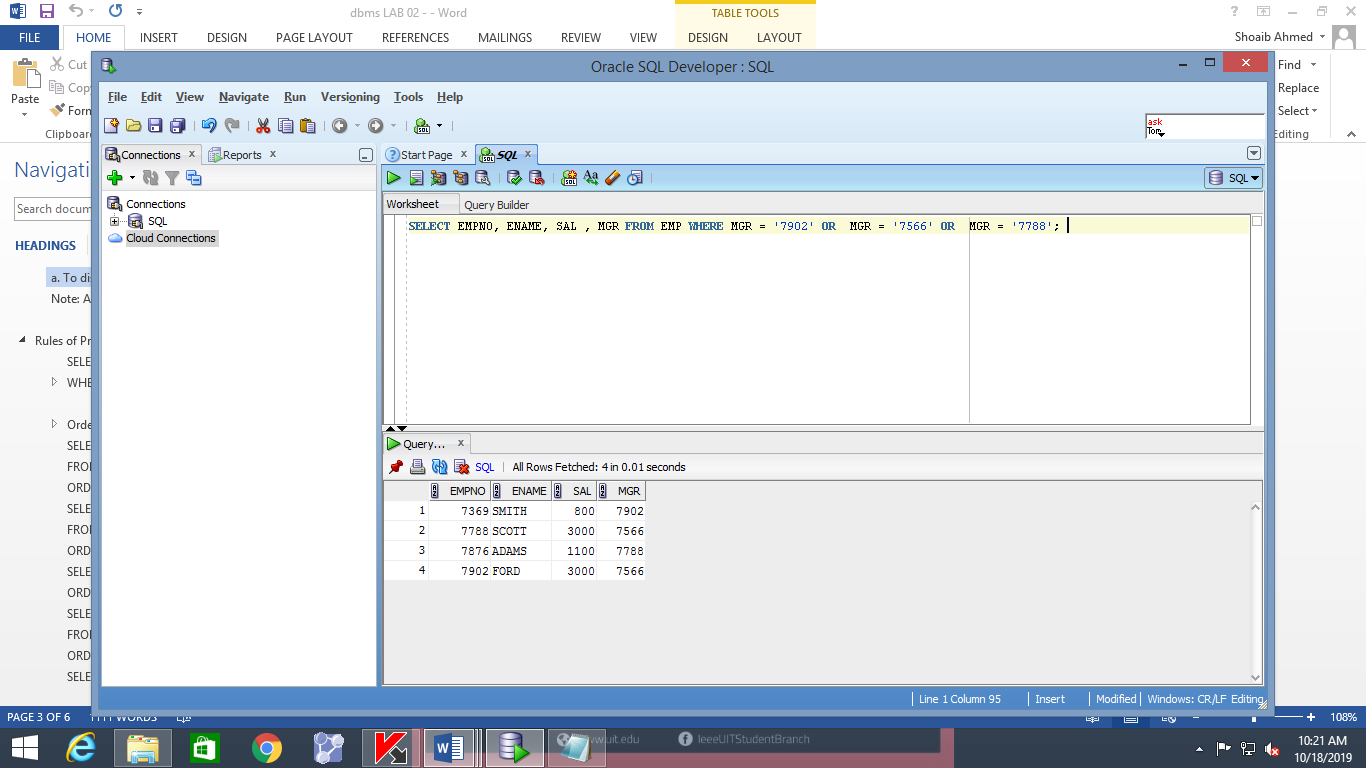
**(B)**

SELECT EMPNO, ENAME, SAL, MGR FROM EMP WHERE MGR IN (7902, 7566, 7788);

To display the employee number, name, salary and the manager’s employee number of all the employees whose manager’s employee number is 7902, 7566, or 7788.

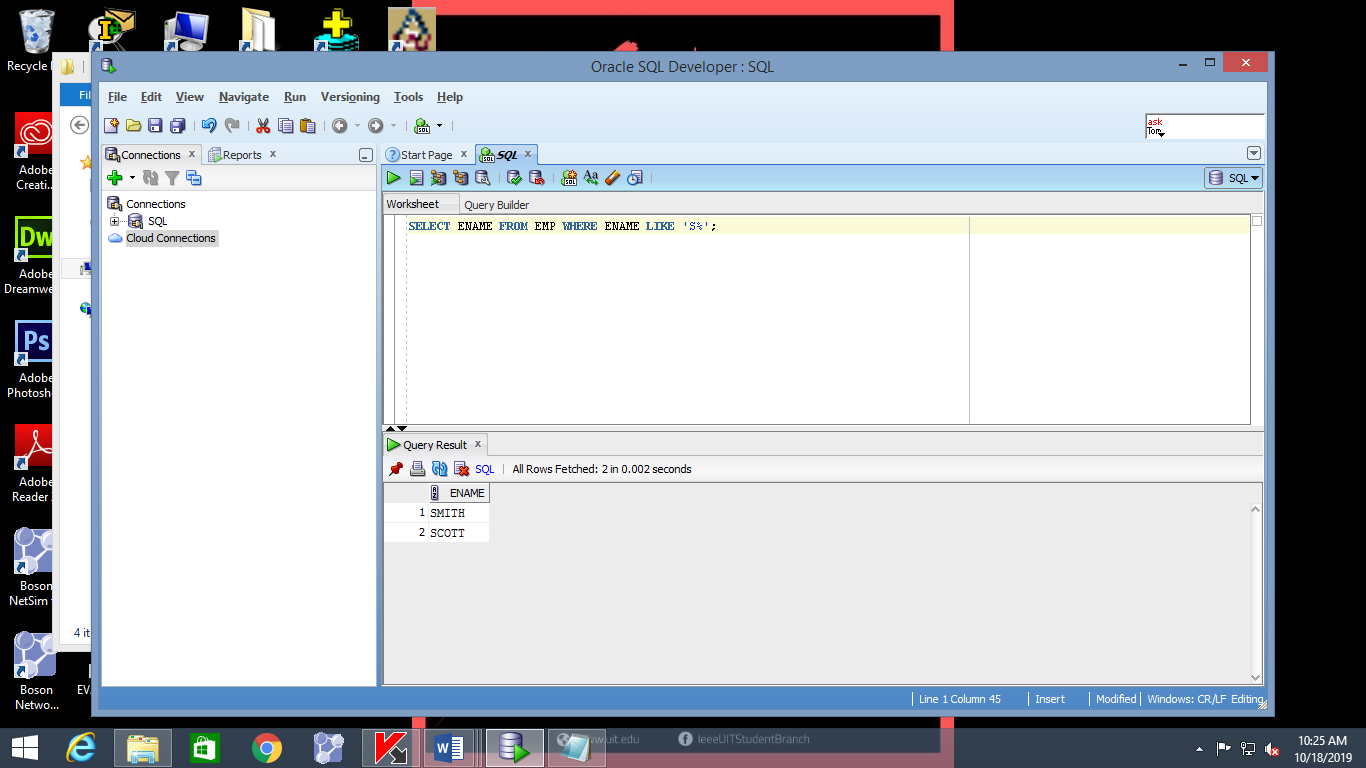
****

SELECT EMPNO, ENAME, SAL, MGR FROM EMP WHERE MGR = ‘7902’ OR MGR = ‘7566’ OR MGR = ‘7566’;

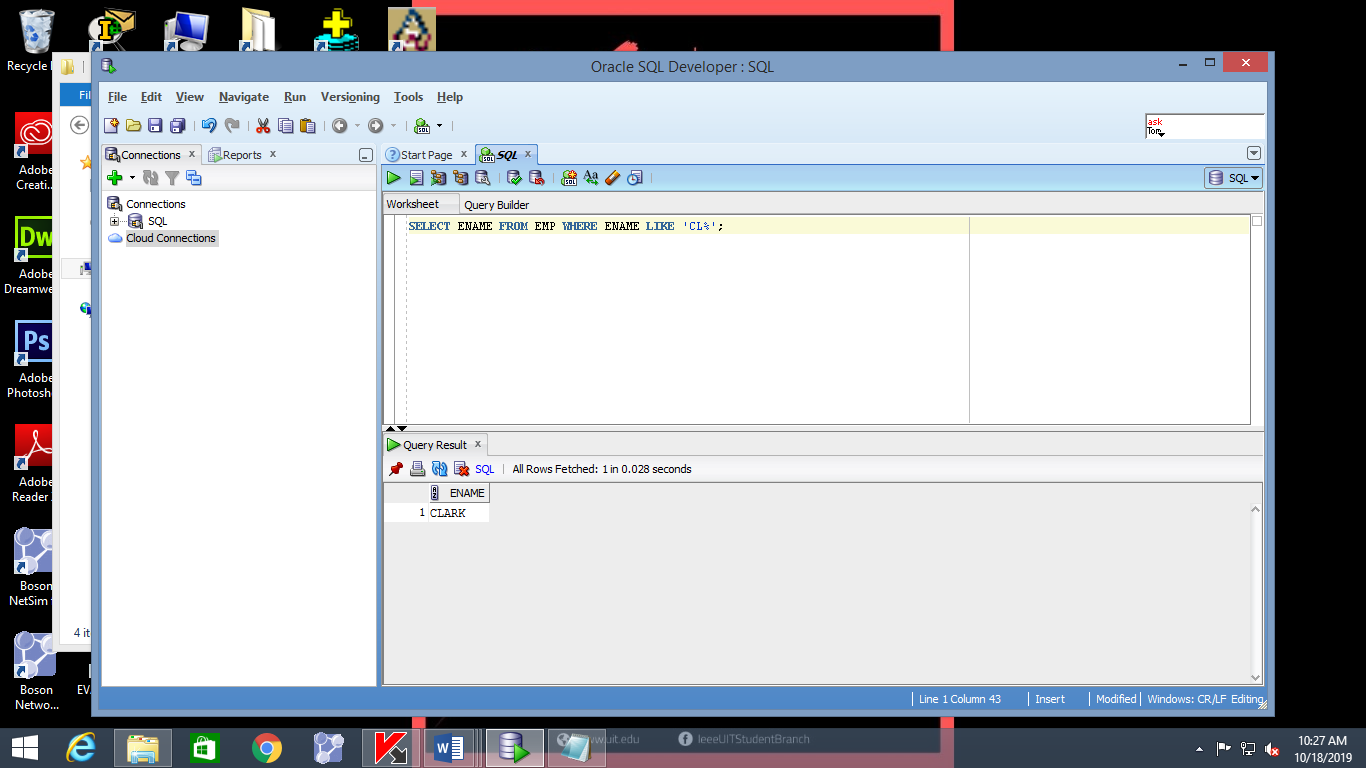
****

**C**

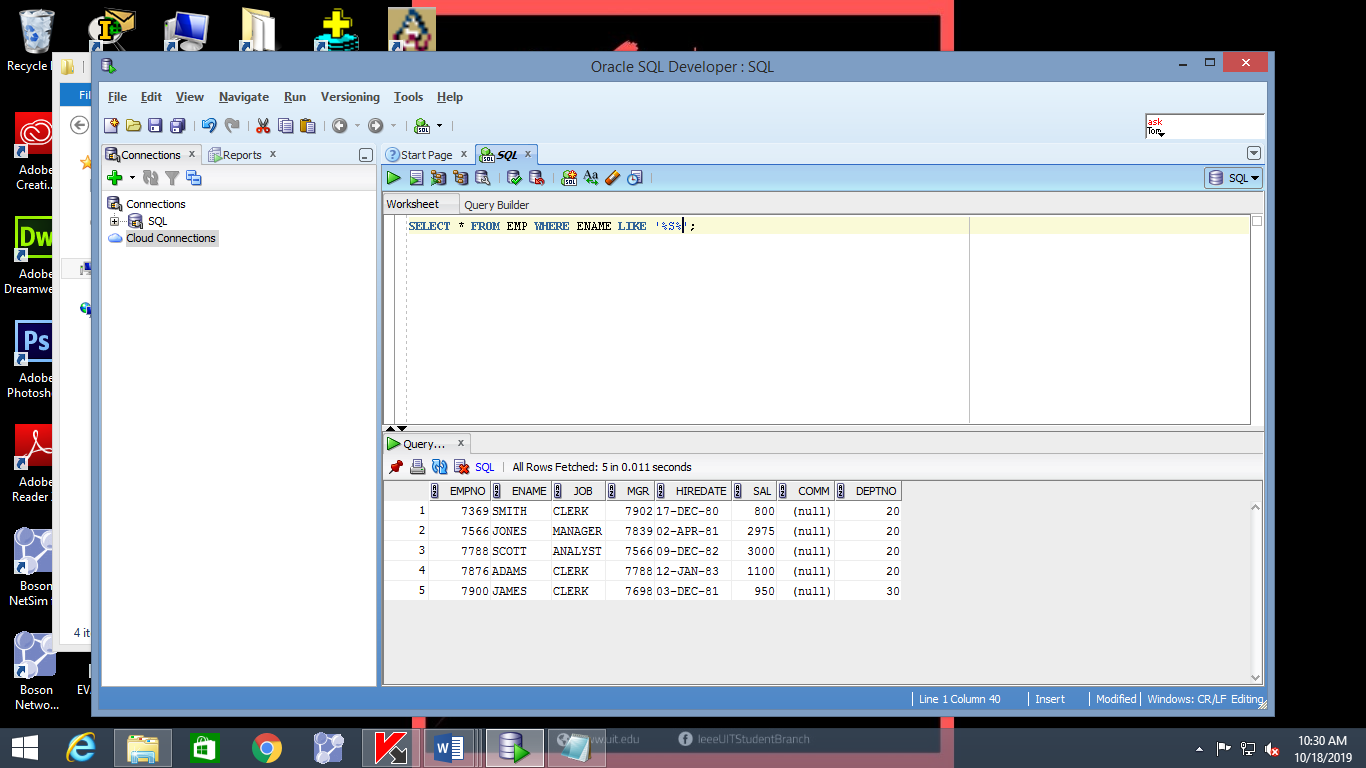
SELECT ENAME FROM EMP WHERE ENAME LIKE ‘S%’;

****

SELECT ENAME FROM EMP WHERE ENAME LIKE ‘CL%’;

****

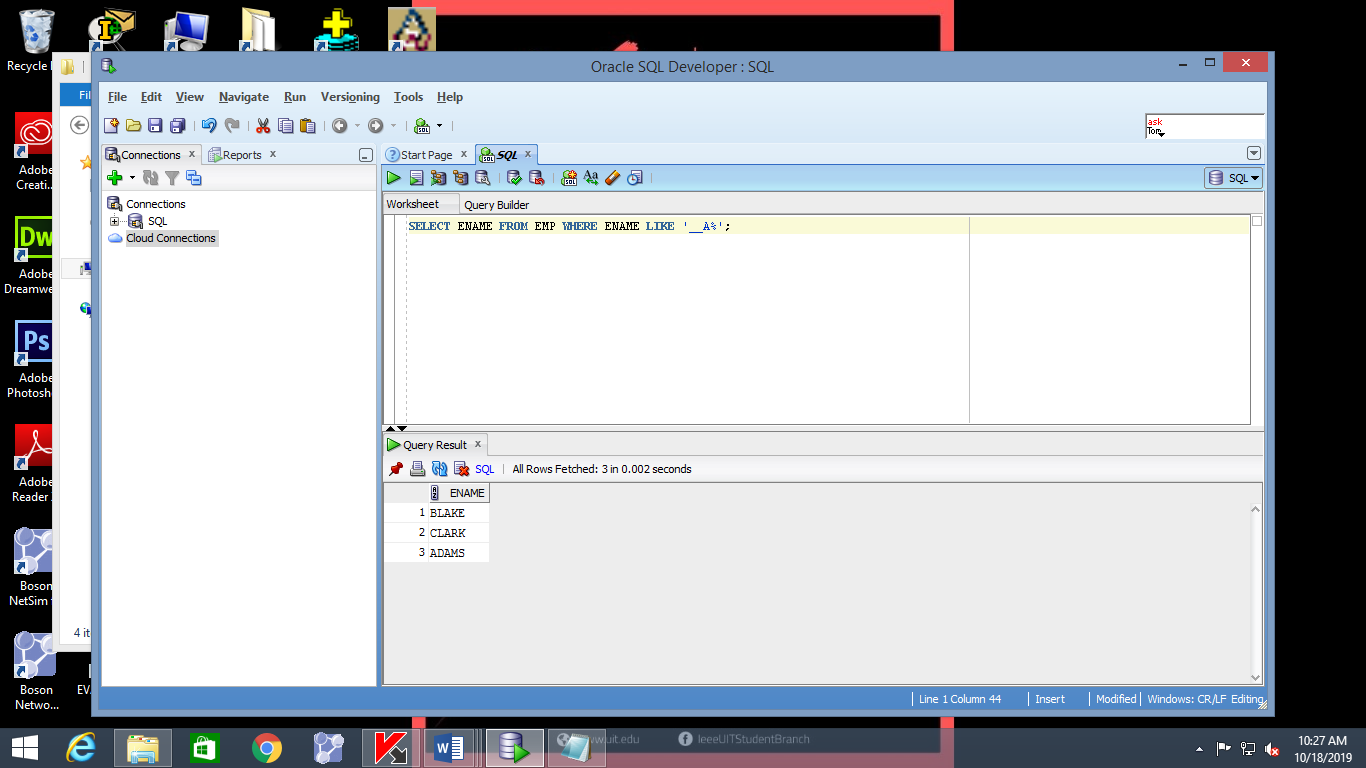
SELECT ENAME FROM EMP WHERE ENAME LIKE ‘%S%’;

****

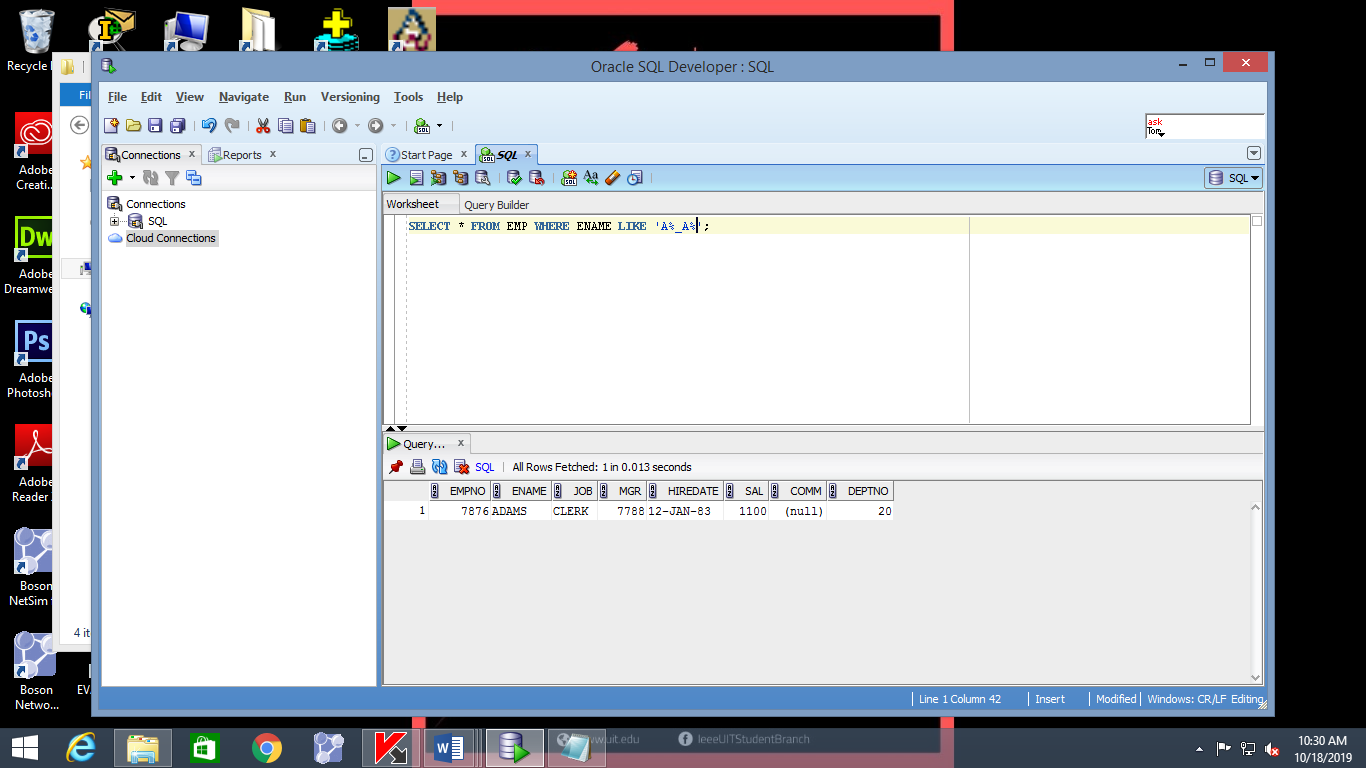
**(D)**

To display the names of all employees with second character of name as **A,**

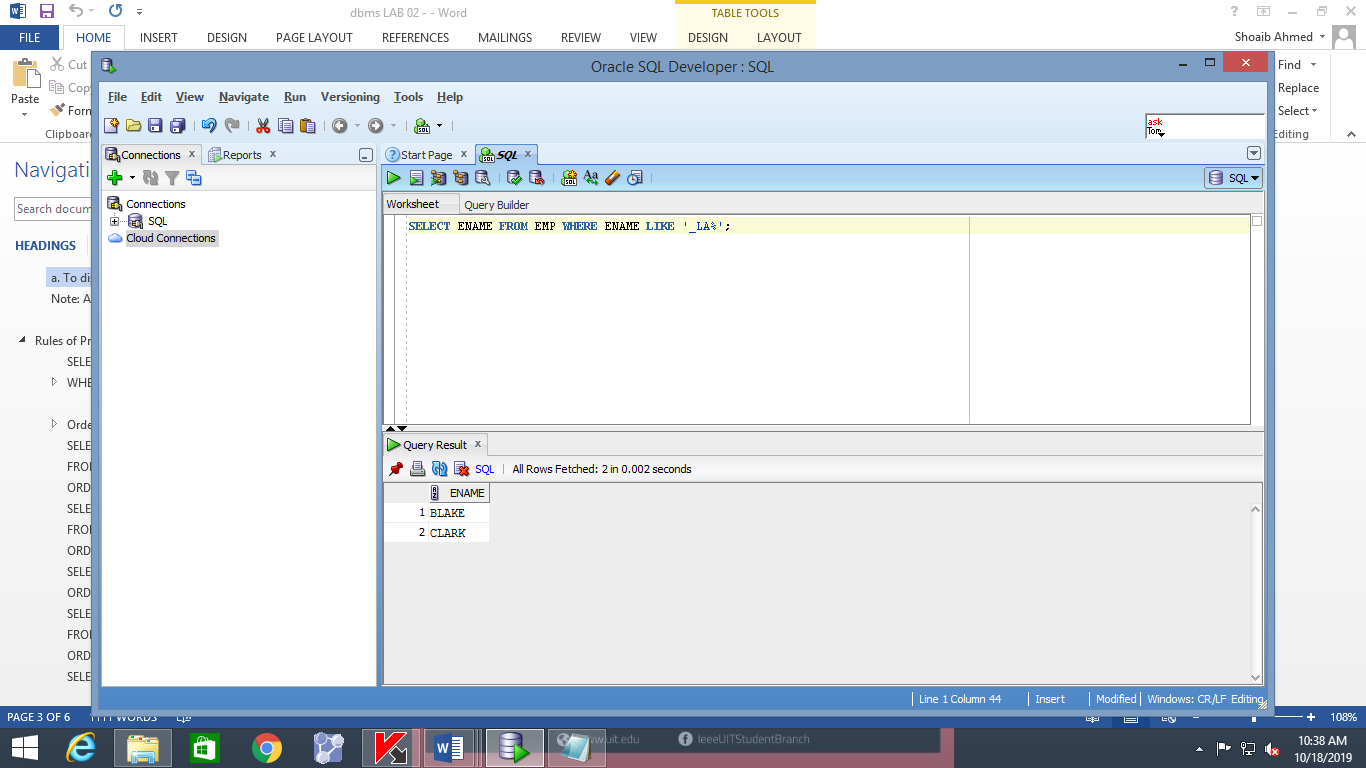
SELECT ENAME FROM EMP WHERE ENAME LIKE ‘\_A%’;

****

SELECT ENAME FROM EMP WHERE ENAME LIKE ‘A%\_A%’;

****

SELECT ENAME FROM EMP WHERE ENAME LIKE ‘\_LA%’;

****

**(E)**

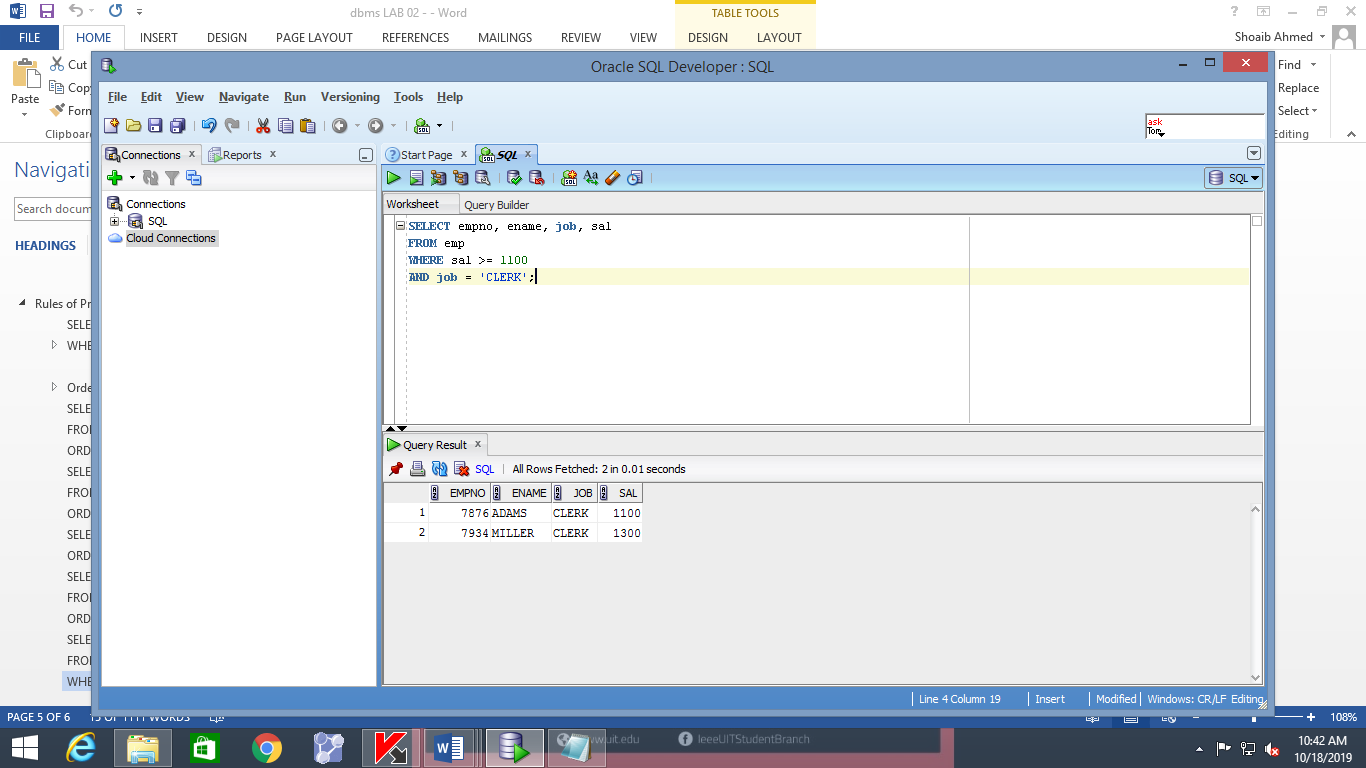
To display record of all clerks who earn more than 1100

SELECT empno, ename, job, sal

FROM emp

WHERE sal >= 1100

AND job = ‘CLERK’

****

**(F)**

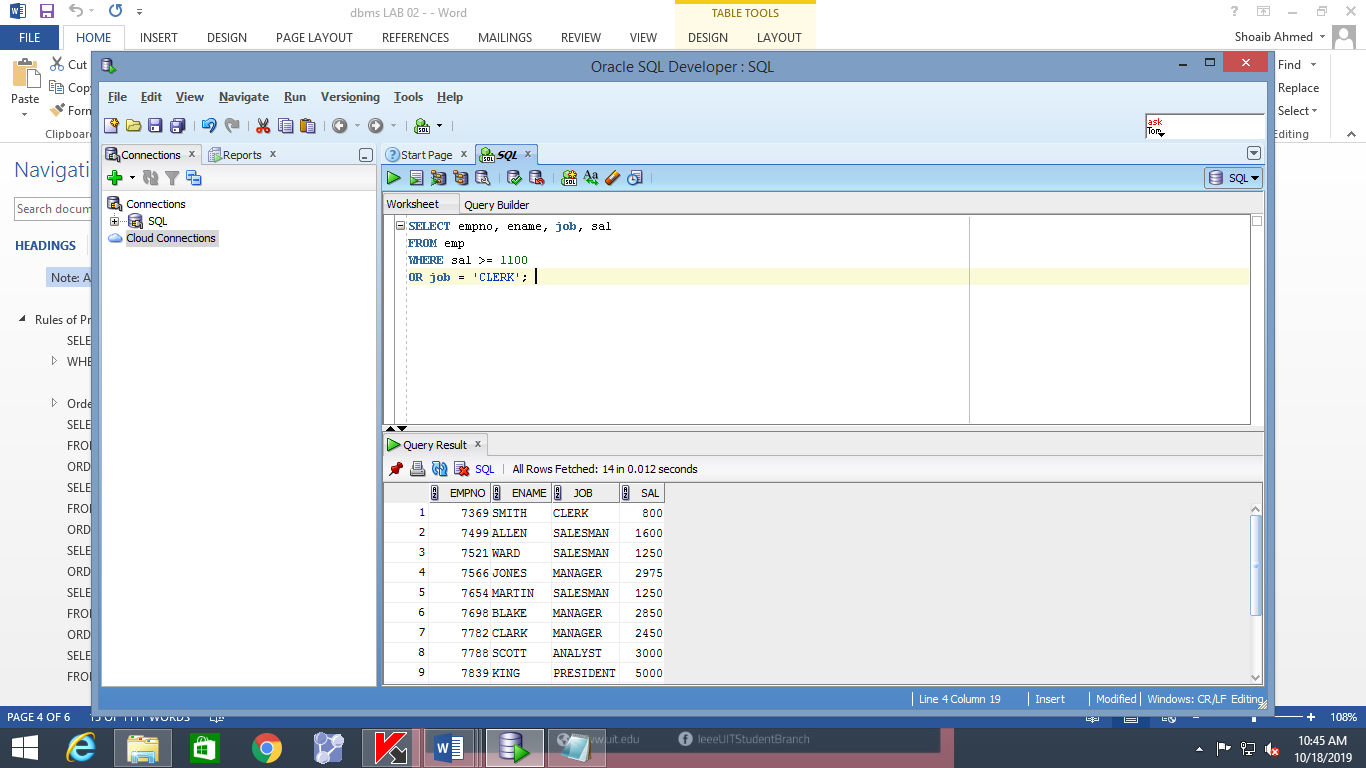
To display record of all employees who are either clerks or earn more than 1100.

SELECT empno, ename, job, sal

FROM emp

WHERE sal >= 1100

OR job = ‘CLERK’;

****

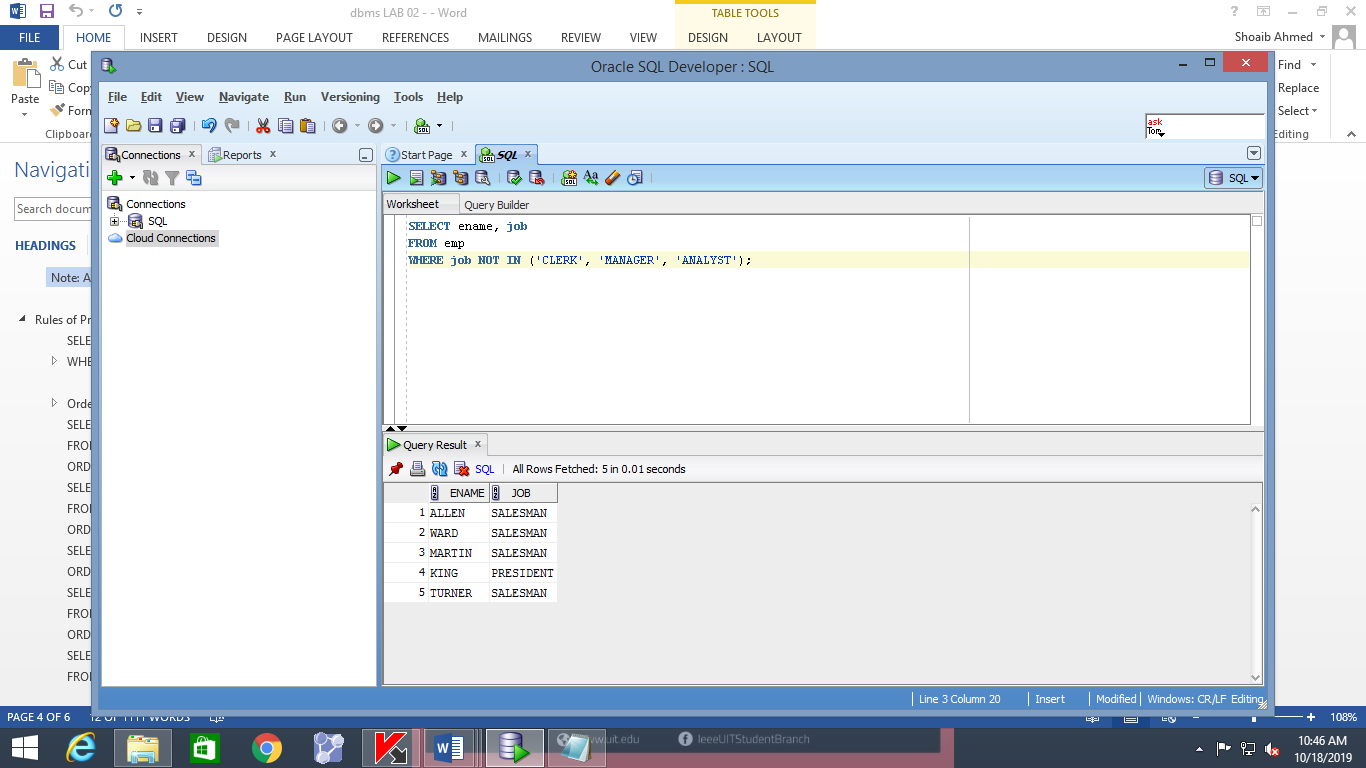
**(G)**

To display name and job title of all the employees whose are not CLERK, MANAGER, or ANALYST.

SELECT ename, job

FROM emp

WHERE job NOT IN (‘CLERK’, ‘MANAGER’, ‘ANALYST’);

****

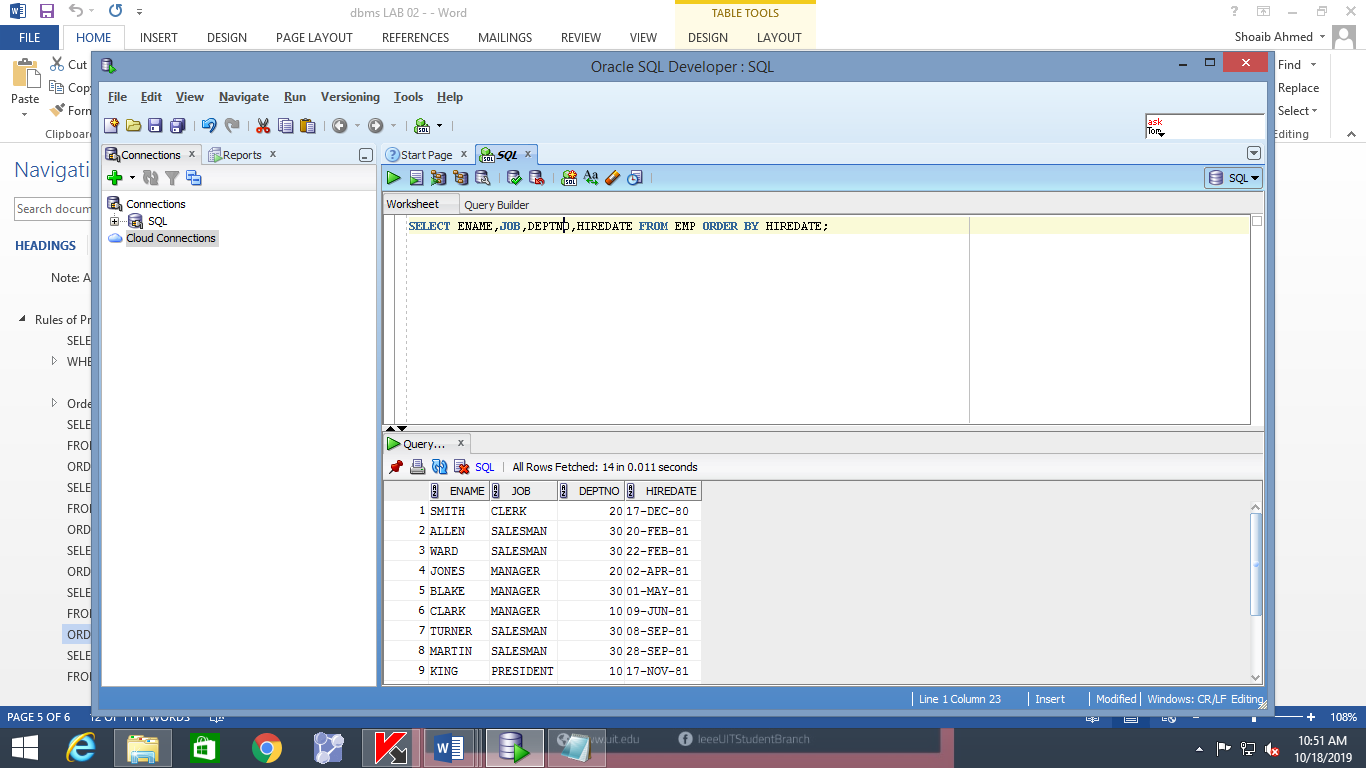
**ORDER BY**

To select data in the increasing order of hiredate

### SELECT ENAME, JOB, DEPTNO, HIREDATE

### FROM EMP

### ORDER BY HIREDATE;

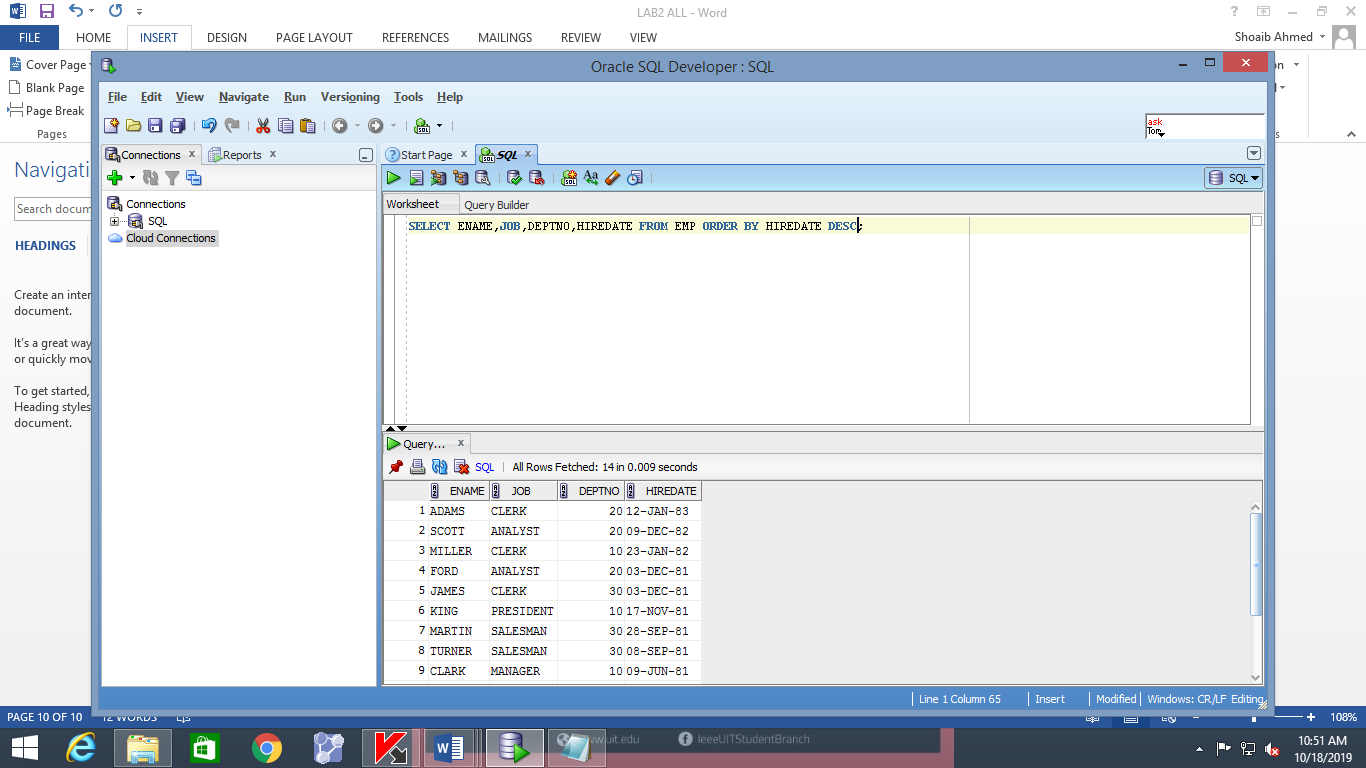
****

To select data in the decreasing order of hiredate,

### SELECT ENAME, JOB, DEPTNO, HIREDATE

### FROM EMP

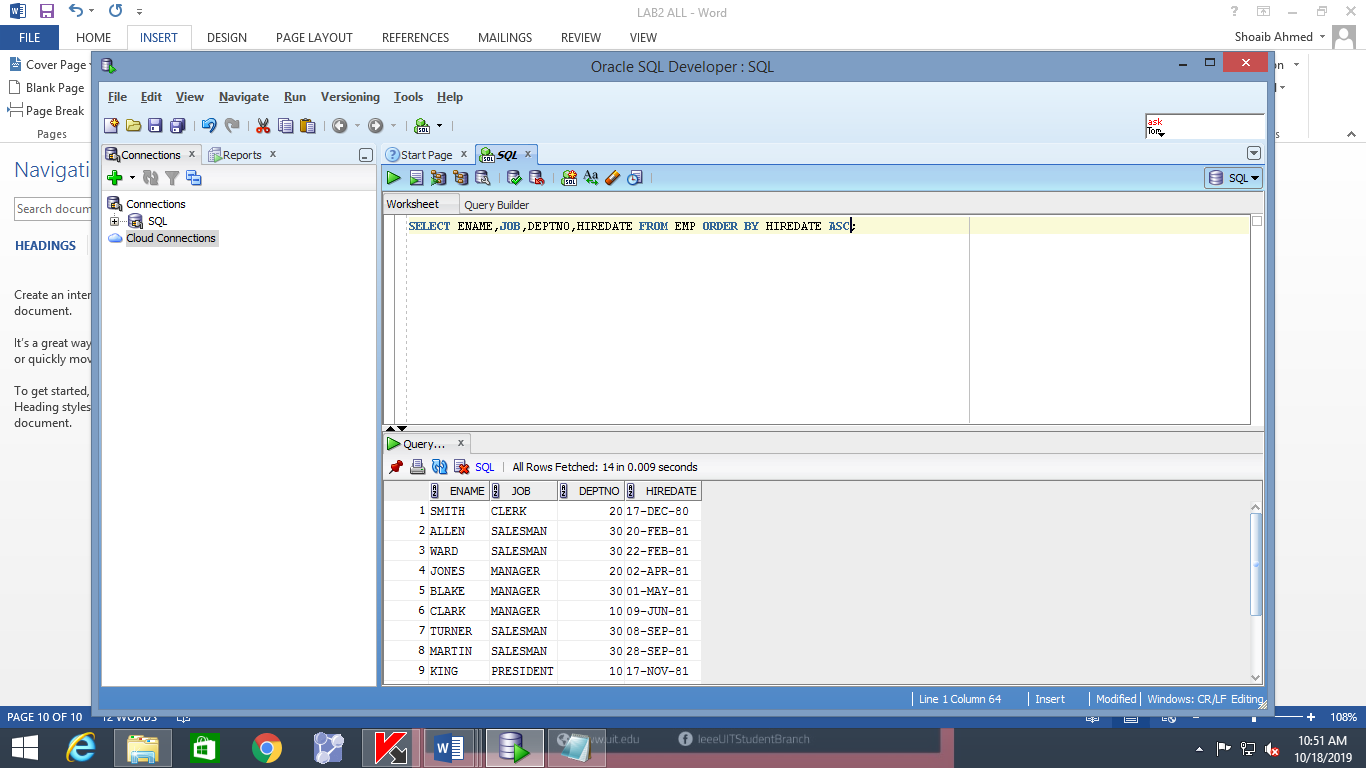
### ORDER BY HIREDATE DESC;

****

### SELECT ENAME, JOB, DEPTNO, HIREDATE

### FROM EMP

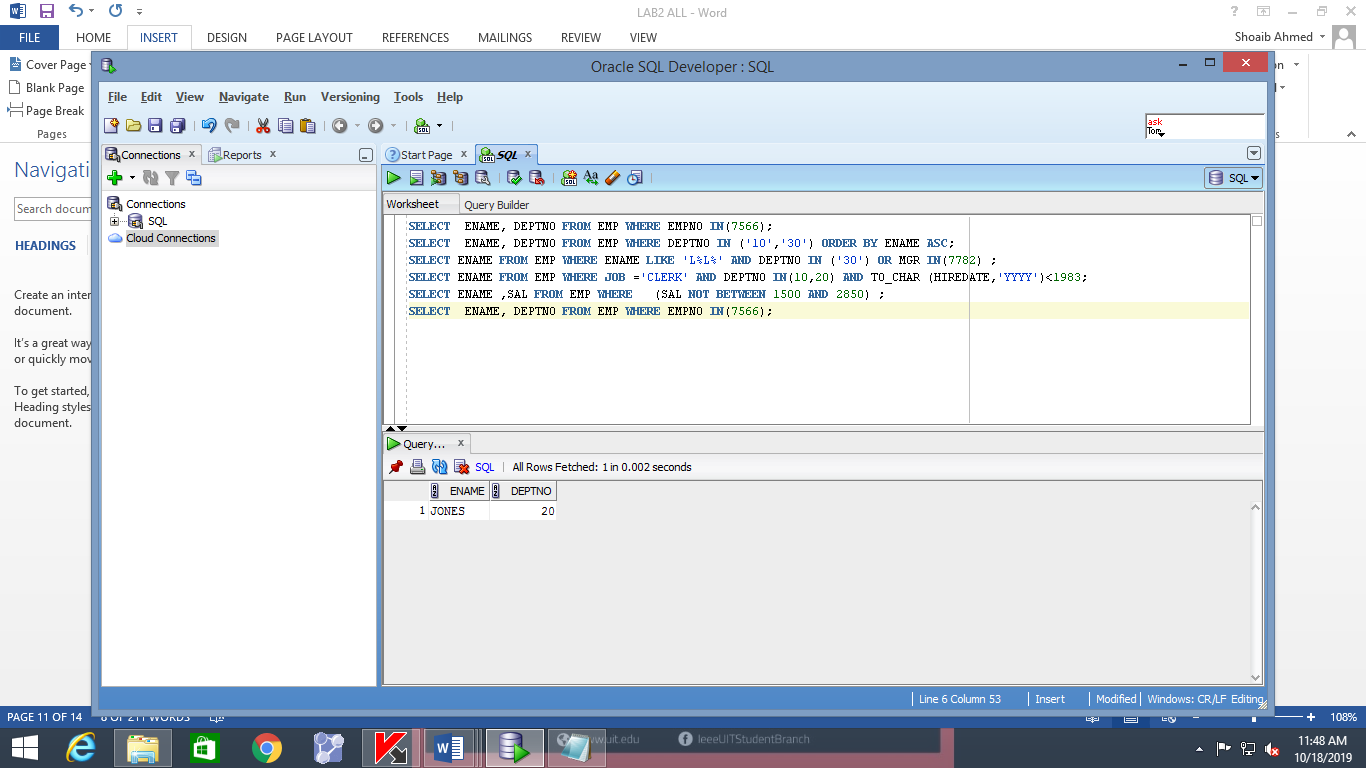
### ORDER BY HIREDATE ASC;

****

**Student Excises**

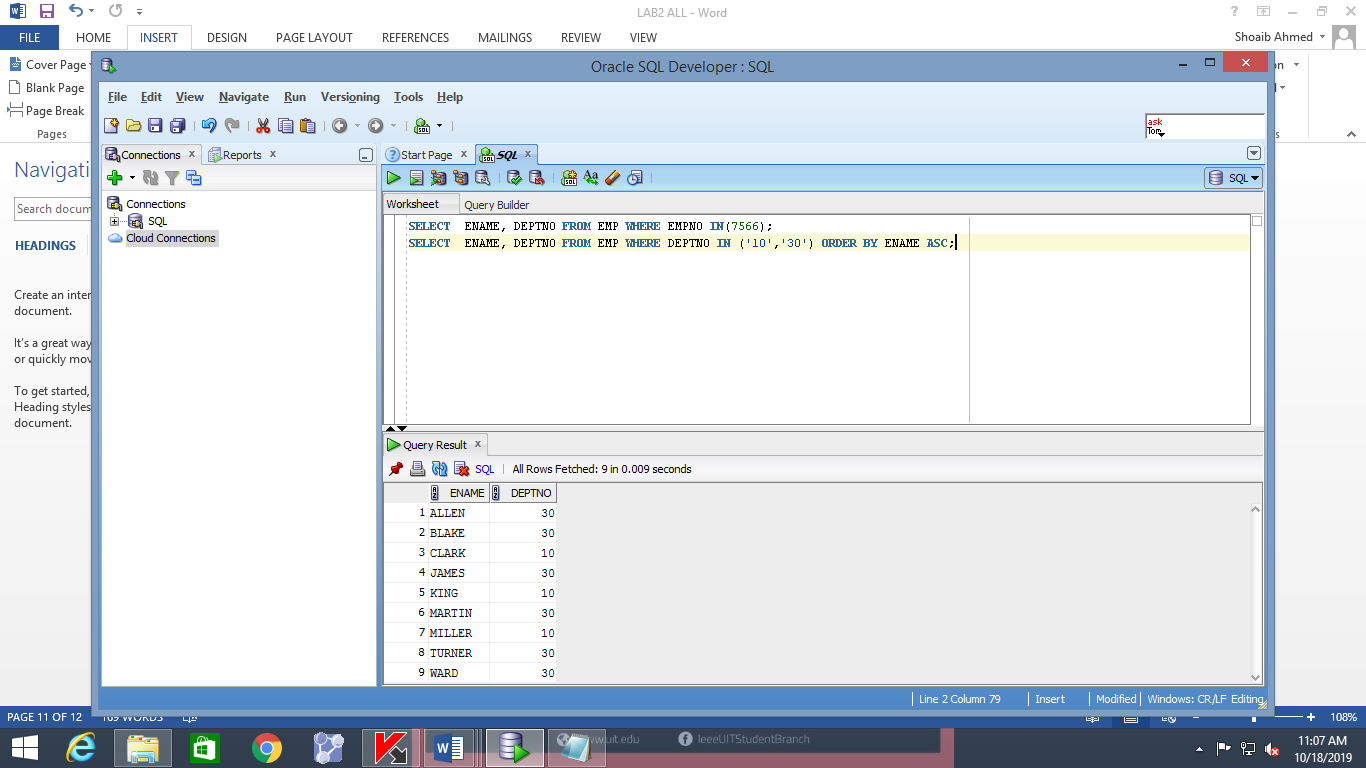
1. **To display the name and department number of employee with number 7566.**

**SELECT ENAME, DEPTNO FROM EMP WHERE EMPNO IN(7566);**

****

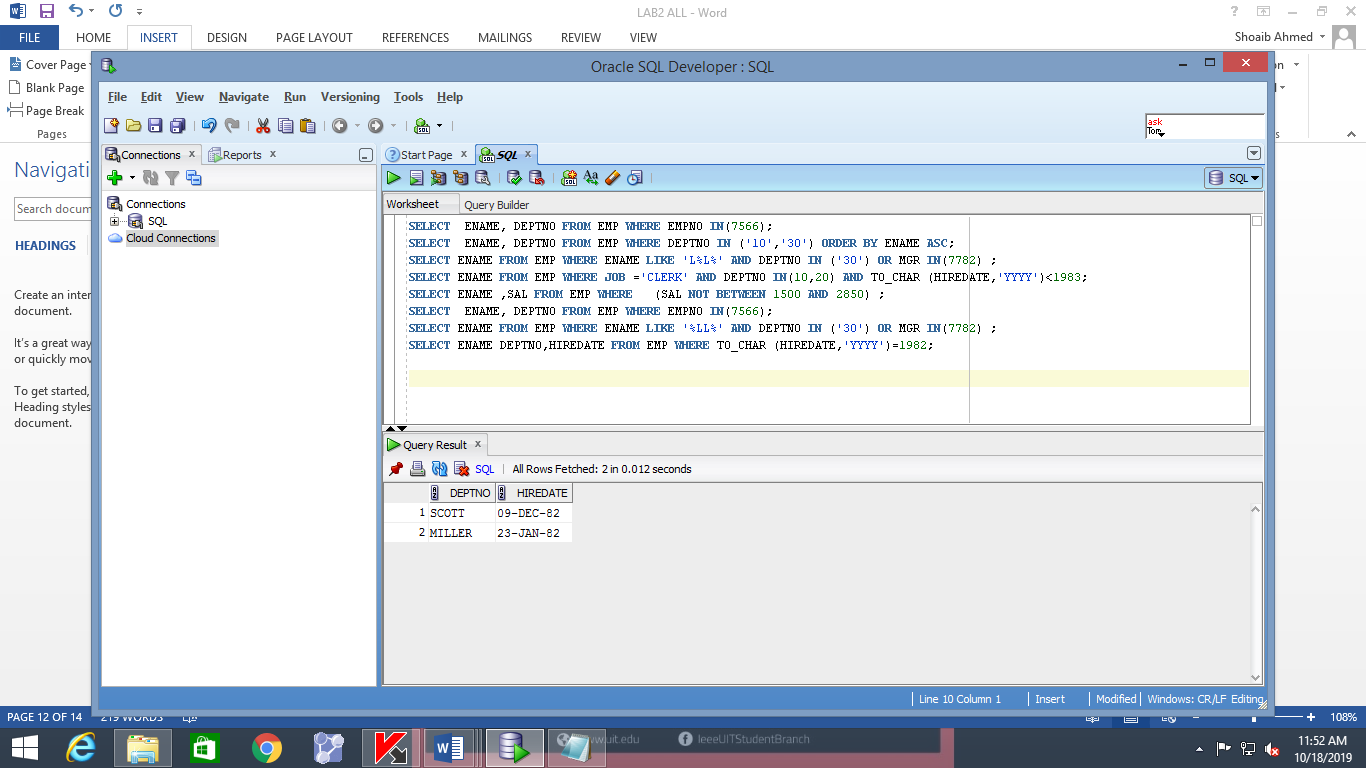
1. **To display the name and department number of all employees in departments 10 and 30 in alphabetical order by name.**

**SELECT ENAME, DEPTNO FROM EMP WHERE DEPTNO IN ('10','30') ORDER BY ENAME ASC;**

****

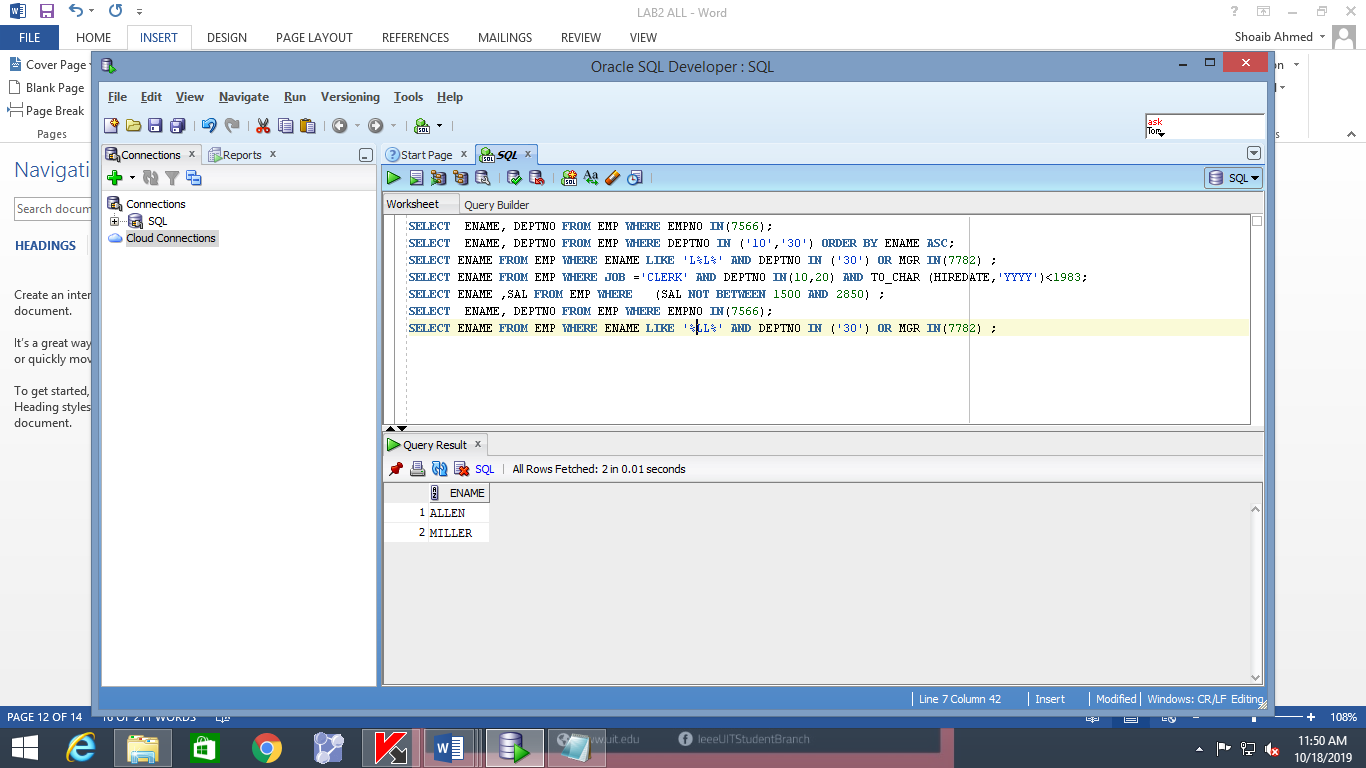
1. **To display the name, department number and hire date of all employees who were hired in *1982*.**

**SELECT ENAME DEPTNO,HIREDATE FROM EMP WHERE TO\_CHAR (HIREDATE,'YYYY')=1982;**

****

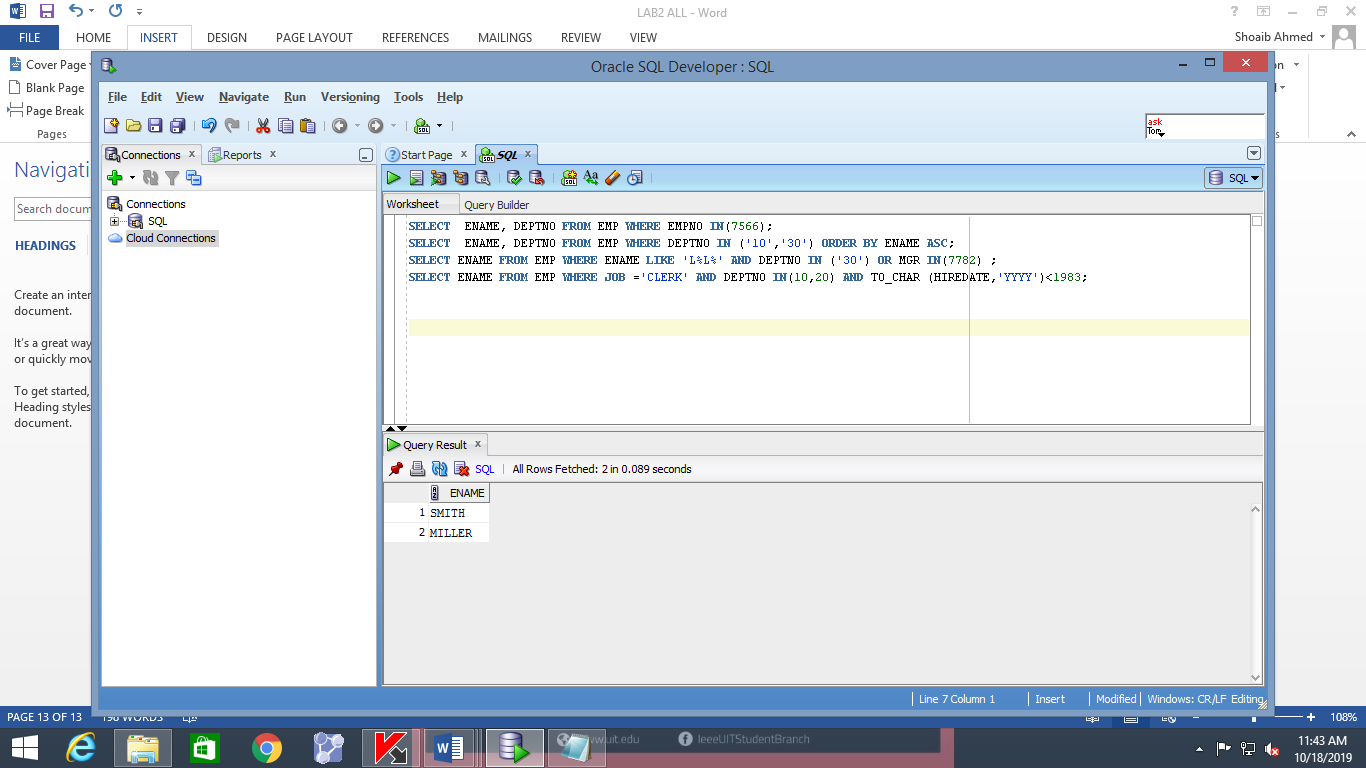
1. **To display the name of all employees who have two consecutive Ls in their name and are in department 30 or their manager is 7782**

**SELECT ENAME FROM EMP WHERE ENAME LIKE '%LL%' AND DEPTNO IN ('30') OR MGR IN(7782) ;**

****

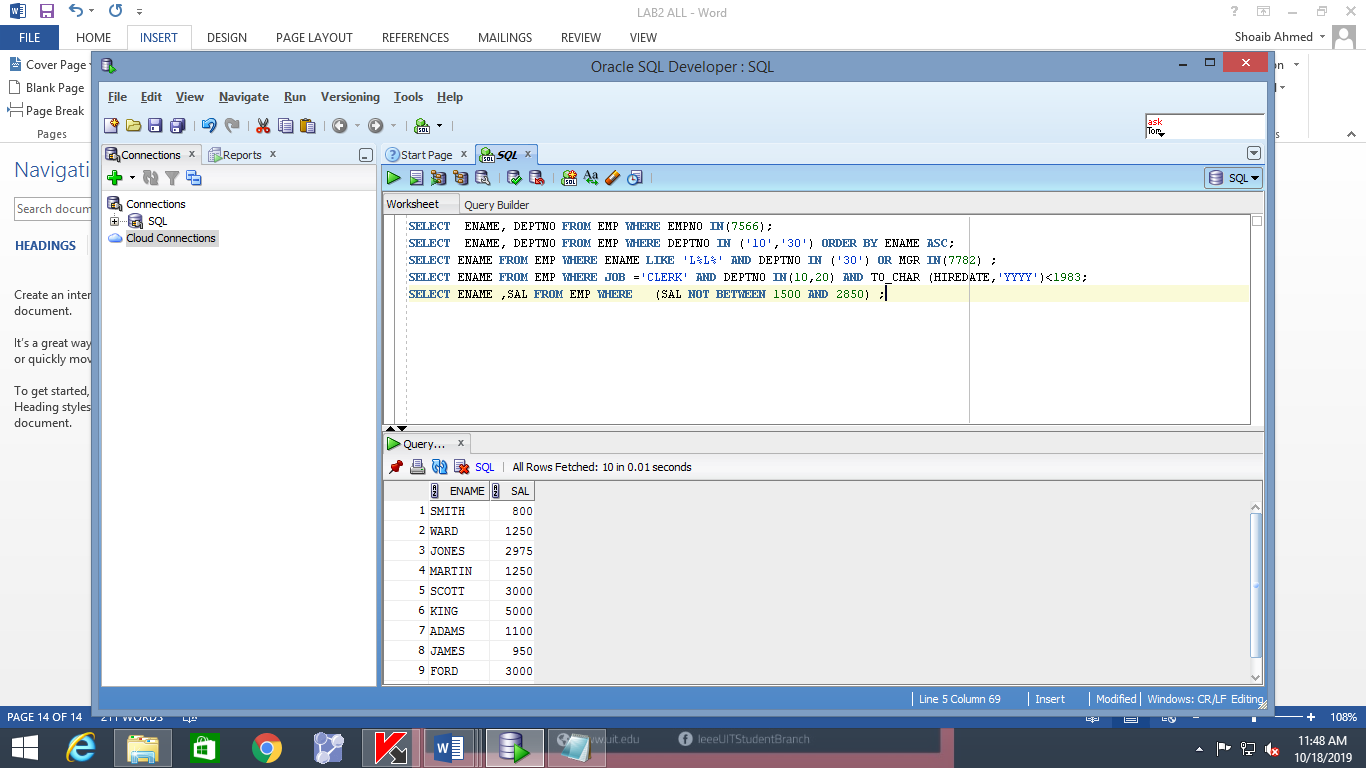
1. **To display the name of all clerks of department 10 and 20 hired before 1983**

**SELECT ENAME FROM EMP WHERE JOB ='CLERK' AND DEPTNO IN(10,20) AND TO\_CHAR (HIREDATE,'YYYY')<1983;**

****

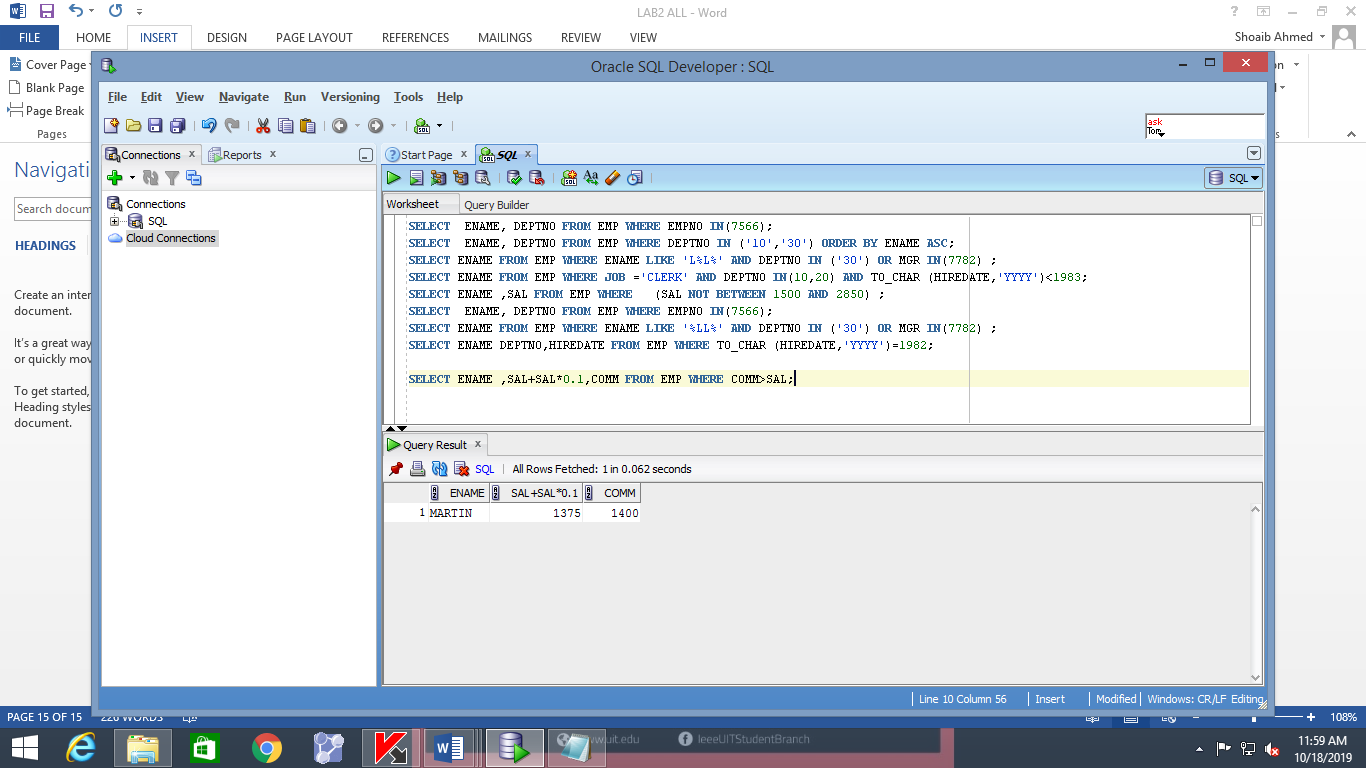
1. **Display the name and salary for all employees whose salary is not in range of $1500 and $2850.**

**SELECT ENAME, SAL FROM EMP WHERE (SAL NOT BETWEEN 1500 AND 2850);**

****

1. **Display the name, salary and commission for all employees whose commission amount in greater than their salary increased by 10%.**

**SELECT ENAME ,SAL+SAL\*0.1,COMM FROM EMP WHERE COMM>SAL;**

****