Name: ZOHAIB HASSAN SOOMRO

RollNo#: 19SW42

Subject: DBS

TASK F

1) Display the names of employees according to their seniority.
   Query:

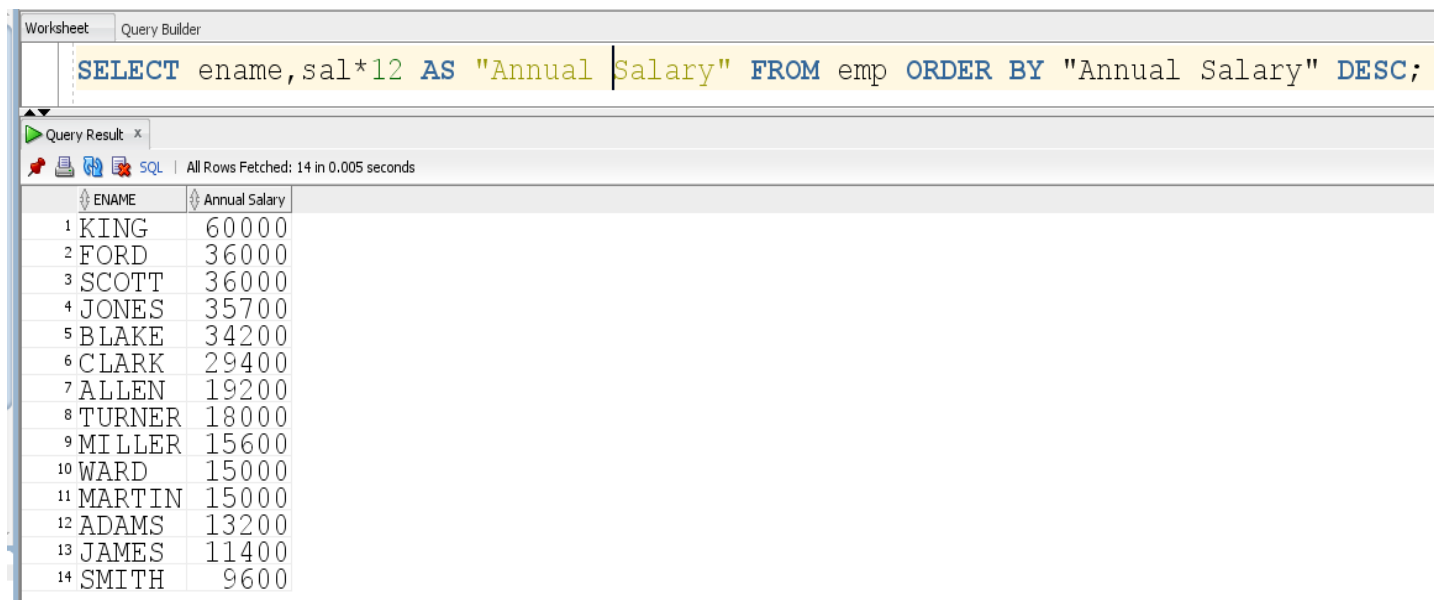   > SELECT ename FROM emp ORDER BY hiredate;

   Worksheet   Query Builder

   ```
   SELECT ename FROM emp ORDER BY hiredate;
   ```

   Query Result ×

   SQL | All Rows Fetched: 14 in 0.004 seconds

	ENAME
1	SMITH
2	ALLEN
3	WARD
4	JONES
5	BLAKE
6	CLARK
7	TURNER
8	MARTIN
9	KING
10	JAMES
11	FORD
12	MILLER
13	SCOTT
14	ADAMS

2) Display names and annual salary of all employees, also sort the result based on annual salary in descending order.
   Query:

   > SELECT ename,sal*12 AS "Annual Salary" FROM emp ORDER BY "Annual Salary" DESC;

   Worksheet   Query Builder

   ```
   SELECT ename,sal*12 AS "Annual Salary" FROM emp ORDER BY "Annual Salary" DESC;
   ```

   Query Result ×

   SQL | All Rows Fetched: 14 in 0.005 seconds

	ENAME	Annual Salary
1	KING	60000
2	FORD	36000
3	SCOTT	36000
4	JONES	35700
5	BLAKE	34200
6	CLARK	29400
7	ALLEN	19200
8	TURNER	18000
9	MILLER	15600
10	WARD	15000
11	MARTIN	15000
12	ADAMS	13200
13	JAMES	11400
14	SMITH	9600

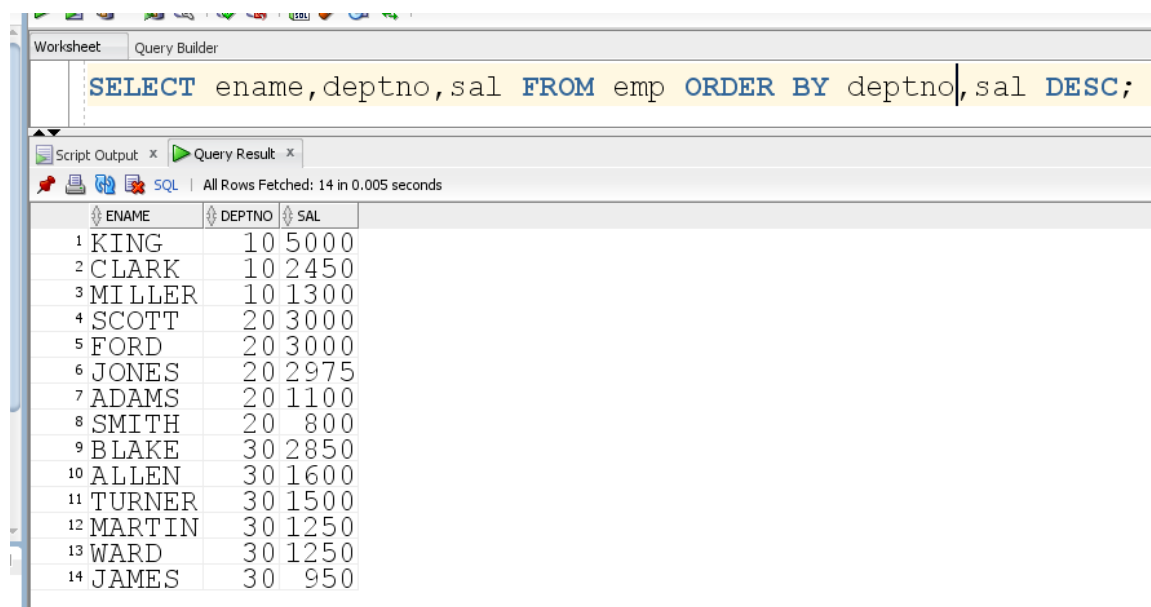3) Write a query which produces following output:

Statement:

Display the names, departments and salaries of employees according to departments and highest pay scales.

Query:

SELECT ename,deptno,sal FROM emp ORDER BY deptno,sal DESC;

Output: