SQL Assignments - Set 6

1. Produce the following output

**select ename, job,**

**sal,**

**max(sal) over(partition by job) max,**

**min(sal) over(partition by job) min,**

**avg(sal) over(partition by job) average**

**from emp;**

1. Produce the following output

**select ename, deptno,**

**sal as Existing\_Sal,**

**max(sal) over(partition by deptno) as Max\_Sal\_of\_Dept,**

**max(sal) over(partition by deptno) - sal Average**

**from emp;**

1. Display only the second highest salary employee (s) record (s) in each job type\

**select ename, job, sal**

**from ( select ename, job, sal,**

**Dense\_Rank() over(partition by job order by sal desc) as salRank**

**from emp**

**) as dt**

**where salRank = 2;**

1. Display the record (s) of employee (s) having the oldest hiring date in their respective job type

**select ename, job, hiredate**

**from ( select ename, job, hiredate,**

**Dense\_Rank() over(partition by job order by hiredate) as dateRank**

**from emp) dt**

**where dateRank = 1;**

1. Display the highest earner (s) records in each deptno

**select ename**

**from ( select ename, sal,Dense\_Rank() over(partition by deptno order by sal desc) salRank**

**from emp) dt**

**where salRank = 1;**