ASSIGNMENT 2

Ques 1 List the employee name, salary, PF, HRA, DA and gross; order the result in ascending order of gross. HRA is 15% of salary and DA is 30 % of salary.

```
SQL>select ename,
      esal,(esal*0.10) as PF,
      (esal*0.15)as HRA,
      (esal * 0.30) as DA,
      (esal +(esal*0.15)+(esal*0.30)-(esal*0.10)) as Gross_salary
       from EMP_171 order by Gross_salary asc;
```

Ques2 List the department numbers and number of employees in each department.

```
SQL>select deptno,
       count(*) as No_of_employees
       from EMP_171 GROUP BY deptno order by deptno;
```

Ques3 List the department number and the total salary payable in each department.

```
SQL>select deptno,
      sum(esal) as Total_salary_payable
      from EMP_171 group by deptno order by deptno;
```

Ques4 List the jobs and the number of employees in each job. The result should be in descending order of the number of employees.

```
SQL>select ejob,
     count(*) as no_of_employees
     from EMP_171 group by ejob order by no_of_employees desc;
```

Ques5 List the total salary, maximum and minimum salary and the average salary of employee's job wise.

```
SQL>select sum(esal) as Total_salary,
       max(esal) as Max_salary,
       min(esal) as Min_salary,
       avg(esal) as Average_salary
       from EMP_171 Group by ejob;
```

Ques6 List the average salary from each job excluding managers.

```
SQL>select ejob,
      avg(esal) as Average_salary
```

```
from EMP_171 where ejob!='manager'
group by ejob order by average_salary;
```

Ques7 List the average salary for all departments employing more than five people

```
SQL>select DEPTNO,
    avg(esal) as AVERAGE_SALARY
    from EMP_171
    Group by deptno having count(*)>5 order by Average_salary;
```

Ques8 List jobs of all the employees where salary is greater than or equal to 5000.

```
SQL>select ejob from EMP_171 where esal>='5000';
```

Ques9 List the total salary, maximum and minimum salary and the average salary of the employee's job wise, for department number20 and display only those rows having average salary greater than 1000.

```
SQL>select sum(esal) as total_salary,
    max(esal) as max_salary,
    min(esal) as minimum_salary,
    avg(esal) as average_salary
    from EMP_171 where deptno='20'
    group by ejob having avg(esal)>1000
```

Ques10 List the total salary, maximum and minimum salary and the average salary of employee’s job wise, for department number 20 and display only those rows having average salary greater than 1000. Arrange the result according to the total salary in ascending order.

```
SQL>select sum(esal) as total_salary ,
    max(esal) as max_salary,
    min(esal) as min_salary,
    avg(esal) as average_salary
    from EMP_171 where deptno=20
    group by ejob having avg(esal)>1000
    order by total_salary asc;
```