1. **Select the name and salary of all employees whose salary is between 2000 and**

**3000.**

select ename, sal from emp where sal between 2000 AND 3000;

A screenshot of a computer

Description automatically generated

1. **Select the name and salary of all employees whose hire date is between 1st Jan 82 and 31st Dec 82.**

select ename, sal from emp where hiredate between '1982-1-1' AND '1982-12-31';

A screenshot of a social media post

Description automatically generated

1. **Select the names of all employees who work in dept 10 or 20.**

select ename from emp where deptno in (10, 20);

A screenshot of a computer

Description automatically generated

1. **Select the name of all employees whose commission is 0.**

select ename from emp where comm = 0;

A screenshot of a computer

Description automatically generated

1. **Select the name of all employees whose commission is not 0.**

**select ename from emp where comm! = 0;**

A screenshot of a computer

Description automatically generated

1. **Select the name of all employees who are hired after 1st Sept 1981 from dept 10.**

select ename from emp where hiredate > '1981-9-1' and deptno = 10;

A screenshot of a computer

Description automatically generated

1. **Select the name of all employees who do not belong to dept 10.**

select ename from emp where deptno!= 10;

A screenshot of a computer

Description automatically generated

1. **Count the no of employees.**

Select COUNT(\*) from emp;

A screenshot of a computer

Description automatically generated

1. **Count the no of employees hired after 13th Jan 1981.**

select COUNT(\*) from emp where hiredate > '1981-1-13';

A screenshot of a computer

Description automatically generated

1. **Calculate the sum of salaries of all employees.**

Select SUM(SAL) from emp;

A screenshot of a computer

Description automatically generated

1. **Calculate the average of salaries of all employees.**

Select AVG(SAL) from emp;

A screenshot of a computer

Description automatically generated

1. **Calculate the minimum of salaries of all employees.**

**Select MIN(SAL) from emp;**

A screenshot of a computer

Description automatically generated

1. **Calculate the maximum of salaries of all employees.**

select MAX(SAL) from emp;

A screenshot of a computer

Description automatically generated

1. **Get the average, minimum, maximum salary of employees for each dept .**

**select** AVG(SAL), MIN(SAL), MAX(SAL) from emp group by dept;

A screenshot of a computer

Description automatically generated

1. **Get the average, minimum, maximum salary of employees for each dept having average salary >2000.**

select AVG(SAL), MIN(SAL), MAX(SAL) from emp group by deptno having AVG(SAL) > 2000;

A screenshot of a computer

Description automatically generated

1. **Get the minimum salary of employees for each job.**

select MIN(SAL) from emp group by job;

A screenshot of a calculator

Description automatically generated

1. **For each dept Get the minimum salary of employees who are managers.**

select MIN(SAL) from emp where job = 'MANAGER' group by deptno;

A screenshot of a computer

Description automatically generated

1. **Get the minimum and maximum salary of employees for jobs in each dept**

select MIN(SAL), MAX(SAL) from emp group by deptno, job;

A screenshot of a calculator

Description automatically generated

1. **Get the number of available job opportunities.**

select COUNT(DISTINCT job) from emp;

A screenshot of a computer

Description automatically generated

1. **Calculate 12 times the average salary.**

**Select 12\*AVG(SAL) from emp;**

**A screenshot of a computer

Description automatically generated**

1. **Get the number of employees in each department.**

**Select COUNT(\*) from emp group by deptno;**

**A screenshot of a computer

Description automatically generated**

1. **Get the total salary for each department.**

**A screenshot of a computer

Description automatically generated**

**23.Get the total salary for each job.**

select SUM(SAL) from emp group by job;

**A screenshot of a computer

Description automatically generated**

1. **Get the average annual salary for each job which has more than one employee working on it.**

select AVG(SAL) from emp group by job having COUNT(\*) > 1;

A screenshot of a computer

Description automatically generated

1. **Get the department no which has more than one clerk working under it.**

select deptno from emp where job = 'CLERK' group by deptno having COUNT(\*) > 1;

**A screenshot of a computer

Description automatically generated**

1. **For each job Get the average salary which is greater than average salary of all managers.**

select AVG(SAl) from emp group by job having AVG(SAL) > (SELECT AVG(SAL) from emp where job = 'MANAGER');

**A screenshot of a computer

Description automatically generated**

1. **Get the number of job positions in each department.**

select COUNT(DISTINCT job) from emp group by deptno;

**A screenshot of a computer

Description automatically generated**

1. **Get the number of job positions in each department only if there are at least 2 employees on that position.**

SELECT deptno,count(distinct job) from emp group by deptno,job having count(\*)>=2;

**A screenshot of a computer

Description automatically generated**