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********************
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```

1.Display name, job, salary, and annual salary of all employees.
```
mysql> select ENAME,JOB,SAL,12*sal Annual_salary from employee order by EMPNO;
+--------+-----------+------+---------------+
| ENAME  | JOB       | SAL  | Annual_salary |
+--------+-----------+------+---------------+
| SMITH  | CLERK     |  800 |          9600 |
| ALLEN  | SALESMAN  | 1600 |         19200 |
| WARD   | SALESMAN  | 1250 |         15000 |
| JONES  | MANAGER   | 2975 |         35700 |
| MARTIN | SALESMAN  | 1250 |         15000 |
| BLAKE  | MANAGER   | 2850 |         34200 |
| CLARK  | MANAGER   | 2450 |         29400 |
| SCOTT  | ANALYST   | 3000 |         36000 |
| KING   | PRESIDENT | 5000 |         60000 |
| TURNER | SALESMAN  | 1500 |         18000 |
| ADAMS  | CLERK     | 1100 |         13200 |
| FORD   | ANALYST   | 3000 |         36000 |
+--------+-----------+------+---------------+
12 rows in set (0.00 sec)
```

2.Display all the different job types
```
mysql> select distinct(job) from employee;
+-----------+
| job       |
+-----------+
| CLERK     |
| SALESMAN  |
| MANAGER   |
| ANALYST   |
| PRESIDENT |
+-----------+
5 rows in set (0.05 sec)
```

3.Display name and salary of all employees who are CLERK.
```
mysql> select ENAME,SAL from employee where JOB='CLERK';
+-------+------+
| ENAME | SAL  |
+-------+------+
| SMITH |  800 |
| ADAMS | 1100 |
+-------+------+
2 rows in set (0.05 sec)
```

4. Display the employee number, name, job title, salary and hire date of employees of department number 20 and hiredate as 1980-12-17.

```
mysql> select EMPNO,ENAME,JOB,SAL,HIREDATE from employee where DEPTNO=20 and
HIREDATE='1980-12-17';
+-------+-------+-------+------+------------+
| EMPNO | ENAME | JOB   | SAL  | HIREDATE   |
+-------+-------+-------+------+------------+
|  7369 | SMITH | CLERK |  800 | 1980-12-17 |
+-------+-------+-------+------+------------+
1 row in set (0.05 sec)
```

5.Display the department name and department number for departments with numbers greater than or equal to 20.

```
mysql> select JOB,DEPTNO from employee where DEPTNO>=20;
+----------+--------+
| JOB      | DEPTNO |
+----------+--------+
| CLERK    |     20 |
| SALESMAN |     30 |
| SALESMAN |     30 |
| MANAGER  |     20 |
| SALESMAN |     30 |
| MANAGER  |     30 |
| ANALYST  |     20 |
| SALESMAN |     30 |
| ANALYST  |     20 |
+----------+--------+
9 rows in set (0.00 sec)
```

6.Display the name, salary and commission of employees whose commission is greater than their salary.

```
mysql> select ENAME,SAL,COMM from employee where COMM>SAL;
+--------+------+------+
| ENAME  | SAL  | COMM |
+--------+------+------+
| MARTIN | 1250 | 1400 |
+--------+------+------+
1 row in set (0.00 sec)
```

7.Display the name, job title and salary of everyone hired during 1983.

```
mysql> select ENAME,JOB,SAL from employee where year(HIREDATE) like '1983%';
+-------+-------+------+
| ENAME | JOB   | SAL  |
+-------+-------+------+
| ADAMS | CLERK | 1100 |
```

```
+-------+-------+------+
1 row in set (0.05 sec)
```

8.Display the names of employees where salaries are less than 5500.
```
mysql> select ENAME from employee where SAL<5500;
+--------+
| ENAME  |
+--------+
| SMITH  |
| ALLEN  |
| WARD   |
| JONES  |
| MARTIN |
| BLAKE  |
| CLARK  |
| SCOTT  |
| KING   |
| TURNER |
| ADAMS  |
| FORD   |
+--------+
12 rows in set (0.00 sec)
```

9.Display the names and employee numbers of managers who earn more than 7500.
```
mysql> select ENAME,EMPNO,SAL from employee where JOB='MANAGER' having SAL>7500;
Empty set (0.00 sec)
```

10.Display the information about managers and the president from the EMP
table,order by department number.
```
mysql> select * from employee where JOB in ('MANAGER','PRESIDENT') order by DEPTNO;
+-------+-------+-----------+------+------------+------+------+--------+
| EMPNO | ENAME | JOB       | MGR  | HIREDATE   | SAL  | COMM | DEPTNO |
+-------+-------+-----------+------+------------+------+------+--------+
|  7782 | CLARK | MANAGER   | 7839 | 1981-09-06 | 2450 | NULL |     10 |
|  7839 | KING  | PRESIDENT | NULL | 1981-11-17 | 5000 | NULL |     10 |
|  7566 | JONES | MANAGER   | 7839 | 1981-02-04 | 2975 | NULL |     20 |
|  7698 | BLAKE | MANAGER   | 7839 | 1981-01-05 | 2850 | NULL |     30 |
+-------+-------+-----------+------+------------+------+------+--------+
4 rows in set (0.04 sec)
```

11.Display all the employees whose name do not end with 'S'.
```
mysql> select ENAME from employee where ENAME not like '%S';
```

```
+--------+
| ENAME  |
+--------+
| SMITH  |
| ALLEN  |
| WARD   |
| MARTIN |
| BLAKE  |
| CLARK  |
| SCOTT  |
| KING   |
| TURNER |
| FORD   |
+--------+
10 rows in set (0.01 sec)
```

12.Display all the employees whose name start with 'C'.
mysql> select ENAME from employee where ENAME like 'C%';
```
+-------+
| ENAME |
+-------+
| CLARK |
+-------+
1 row in set (0.00 sec)
```

13.Display the name, job and department of employees whose name falls in the
alphabetical range 'C' to 'L'.
mysql> select ENAME,JOB from employee where ENAME like '[C-L%]';
Empty set (0.00 sec)

14.Display the employee details working in department 20, 30 or 40.
mysql> select * from employee where DEPTNO in (20,30,40);
```
+-------+--------+----------+------+------------+------+------+--------+
| EMPNO | ENAME  | JOB      | MGR  | HIREDATE   | SAL  | COMM | DEPTNO |
+-------+--------+----------+------+------------+------+------+--------+
|  7369 | SMITH  | CLERK    | 7902 | 1980-12-17 |  800 | NULL |     20 |
|  7499 | ALLEN  | SALESMAN | 7698 | 1981-02-20 | 1600 |  300 |     30 |
|  7521 | WARD   | SALESMAN | 7698 | 1981-02-22 | 1250 |  500 |     30 |
|  7566 | JONES  | MANAGER  | 7839 | 1981-02-04 | 2975 | NULL |     20 |
|  7654 | MARTIN | SALESMAN | 7698 | 1981-09-28 | 1250 | 1400 |     30 |
|  7698 | BLAKE  | MANAGER  | 7839 | 1981-01-05 | 2850 | NULL |     30 |
|  7788 | SCOTT  | ANALYST  | 7566 | 1982-09-12 | 3000 | NULL |     20 |
|  7844 | TURNER | SALESMAN | 7698 | 1981-09-08 | 1500 |    0 |     30 |
|  7902 | FORD   | ANALYST  | 7566 | 1981-03-12 | 3000 | NULL |     20 |
```

```
+-------+--------+----------+------+-----------+------+------+--------+
9 rows in set (0.00 s)
```

15.Display all the employees whose names start with 'T' and ends with 'R'.
```
mysql> select * from employee where ENAME like 'T%R';
+-------+--------+----------+------+-----------+------+------+--------+
| EMPNO | ENAME  | JOB      | MGR  | HIREDATE  | SAL  | COMM | DEPTNO |
+-------+--------+----------+------+-----------+------+------+--------+
|  7844 | TURNER | SALESMAN | 7698 | 1981-09-08 | 1500 |    0 |     30 |
+-------+--------+----------+------+-----------+------+------+--------+
1 row in set (0.00 sec)
```