**1.**

**mysql> select \* from employee\_details where hiredate < "1980-06-30" or hiredate > "1980-12-31";**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**| empid | empname | department\_no | designation | hiredate | basicpay | pf | da | hra | totalsalary |**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**| 1001 | surya | 10 | salesman | 1980-06-28 | 5000.23 | 1000 | 500 | 500 | 7000.23 |**

**| 1002 | anish | 10 | clerk | 1980-05-22 | 5500.23 | 1000 | 500 | 500 | 6000.23 |**

**| 1003 | karan | 20 | analyst | 1981-01-22 | 8500.23 | 1000 | 500 | 1000 | 6800.23 |**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**3 rows in set (0.00 sec)**

**2.**

**ysql> select \* from employee\_details;**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**| empid | empname | department\_no | designation | hiredate | basicpay | pf | da | hra | totalsalary |**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**| 1001 | surya | 10 | salesman | 1980-06-28 | 5000.23 | 1000 | 500 | 500 | 7000.23 |**

**| 1002 | anish | 10 | clerk | 1980-05-22 | 5500.23 | 1000 | 500 | 500 | 6000.23 |**

**| 1003 | karan | 20 | analyst | 1981-01-22 | 8500.23 | 1000 | 500 | 1000 | 6800.23 |**

**| 1004 | anikka | 10 | clerk | 1981-05-22 | 5000.23 | 1000 | 500 | 500 | 7000.23 |**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**4 rows in set (0.00 sec)**

**3.**

**mysql> select \* from employee\_details where department\_no=10 or 20 and designation ="clerk"or"salesman"or"analyst";**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**| empid | empname | department\_no | designation | hiredate | basicpay | pf | da | hra | totalsalary |**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**| 1001 | surya | 10 | salesman | 1980-06-28 | 5000.23 | 1000 | 500 | 500 | 7000.23 |**

**| 1002 | anish | 10 | clerk | 1980-05-22 | 5500.23 | 1000 | 500 | 500 | 6000.23 |**

**| 1004 | anikka | 10 | clerk | 1981-05-22 | 5000.23 | 1000 | 500 | 500 | 7000.23 |**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**3 rows in set, 2 warnings (0.00 sec)**

**4.**

**mysql> select \* from employee\_details where empname like "s%";**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**| empid | empname | department\_no | designation | hiredate | basicpay | pf | da | hra | totalsalary |**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**| 1001 | surya | 10 | salesman | 1980-06-28 | 5000.23 | 1000 | 500 | 500 | 7000.23 |**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**1 row in set (0.00 sec)**

**5.**

**mysql> select \* from employee\_details where empname like "%n";**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**| empid | empname | department\_no | designation | hiredate | basicpay | pf | da | hra | totalsalary |**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**| 1003 | karan | 20 | analyst | 1981-01-22 | 8500.23 | 1000 | 500 | 1000 | 6800.23 |**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**1 row in set (0.00 sec)**

**6.**

**mysql> select \* from employee\_details where empname like "\_a%";**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**| empid | empname | department\_no | designation | hiredate | basicpay | pf | da | hra | totalsalary |**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**| 1003 | karan | 20 | analyst | 1981-01-22 | 8500.23 | 1000 | 500 | 1000 | 6800.23 |**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**1 row in set (0.00 sec)**

**7.**

**mysql> select empname from employee\_details;**

**+---------+**

**| empname |**

**+---------+**

**| surya |**

**| anish |**

**| karan |**

**| anikka |**

**+---------+**

**4 rows in set (0.00 sec)**

**8.**

**mysql> select distinct designation from employee\_details;**

**+-------------+**

**| designation |**

**+-------------+**

**| salesman |**

**| clerk |**

**| analyst |**

**+-------------+**

**3 rows in set (0.00 sec)**

**9.**

**mysql> select empname from employee\_details where designation not in ("clerk","analyst","salesman") ;**

**+---------+**

**| empname |**

**+---------+**

**| maddy |**

**| vinith |**

**+---------+**

**2 rows in set (0.00 sec)**

**10.**

**mysql> select empname,totalsalary from employee\_details order by totalsalary desc;**

**+---------+-------------+**

**| empname | totalsalary |**

**+---------+-------------+**

**| maddy | 10000.23 |**

**| vinith | 10000.23 |**

**| surya | 7000.23 |**

**| anikka | 7000.23 |**

**| karan | 6800.23 |**

**| anish | 6000.23 |**

**+---------+-------------+**

**6 rows in set (0.00 sec)**

**11.**

**mysql> select empname,designation, totalsalary \* 15/100 as newsalary from employee\_details;**

**+---------+---------------+-------------+**

**| empname | designation | newsalary |**

**+---------+---------------+-------------+**

**| surya | salesman | 1050.034500 |**

**| anish | clerk | 900.034500 |**

**| karan | analyst | 1020.034500 |**

**| anikka | clerk | 1050.034500 |**

**| maddy | developer | 1500.034500 |**

**| vinith | web-developer | 1500.034500 |**

**+---------+---------------+-------------+**

**6 rows in set (0.00 sec)**

**12.**

**mysql> select empname from employee\_details where empname like '%ll%';**

**+---------+**

**| empname |**

**+---------+**

**| lall |**

**+---------+**

**1 row in set (0.00 sec)**

**13.**

**mysql> select empname from employee\_details where empname like '\_\_\_a%';**

**+---------+**

**| empname |**

**+---------+**

**| karan |**

**+---------+**

**1 row in set (0.00 sec)**

**14.**

**mysql> select empname ,designation,totalsalary from employee\_details where totalsalary not between 2000 and 3000;**

**+---------+---------------+-------------+**

**| empname | designation | totalsalary |**

**+---------+---------------+-------------+**

**| surya | salesman | 7000.23 |**

**| anish | clerk | 6000.23 |**

**| karan | analyst | 6800.23 |**

**| anikka | clerk | 7000.23 |**

**| maddy | developer | 10000.23 |**

**| vinith | web-developer | 10000.23 |**

**| lall | developer | 11000.23 |**

**+---------+---------------+-------------+**

**7 rows in set (0.00 sec)**

**15.**

**mysql> select empid,designation,hiredate from employee\_details where designation not in("manager");**

**+-------+---------------+------------+**

**| empid | designation | hiredate |**

**+-------+---------------+------------+**

**| 1001 | salesman | 1980-06-28 |**

**| 1002 | clerk | 1980-05-22 |**

**| 1003 | analyst | 1981-01-22 |**

**| 1004 | clerk | 1981-05-22 |**

**| 1005 | developer | 1981-02-22 |**

**| 1006 | web-developer | 1980-02-22 |**

**| 1007 | developer | 1981-02-22 |**

**+-------+---------------+------------+**

**7 rows in set (0.00 sec)**

**16.**

**mysql> select empname, hiredate from employee\_details where hiredate between '1981-01-01' and '1981-12-30';**

**+---------+------------+**

**| empname | hiredate |**

**+---------+------------+**

**| karan | 1981-01-22 |**

**| anikka | 1981-05-22 |**

**| maddy | 1981-02-22 |**

**| lall | 1981-02-22 |**

**+---------+------------+**

**4 rows in set (0.00 sec)**

**17.**

**mysql> select empname, hiredate from employee\_details where hiredate between '1981-01-01' and '1981-06-30';**

**+---------+------------+**

**| empname | hiredate |**

**+---------+------------+**

**| karan | 1981-01-22 |**

**| anikka | 1981-05-22 |**

**| maddy | 1981-02-22 |**

**| lall | 1981-02-22 |**

**+---------+------------+**

**4 rows in set (0.00 sec)**

**18.**

**mysql> select empname ,totalsalary, (totalsalary\*3) as butwants from employee\_details;**

**+---------+-------------+----------+**

**| empname | totalsalary | butwants |**

**+---------+-------------+----------+**

**| surya | 7000.23 | 21000.69 |**

**| anish | 6000.23 | 18000.69 |**

**| karan | 6800.23 | 20400.69 |**

**| anikka | 7000.23 | 21000.69 |**

**| maddy | 10000.23 | 30000.69 |**

**| vinith | 10000.23 | 30000.69 |**

**| lall | 11000.23 | 33000.69 |**

**+---------+-------------+----------+**

**7 rows in set (0.00 sec)**

**19.**

**mysql> select \* from employee\_details where hiredate like "%-05-%"**

**-> ;**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**| empid | empname | department\_no | designation | hiredate | basicpay | pf | da | hra | totalsalary |**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**| 1002 | anish | 10 | clerk | 1980-05-22 | 5500.23 | 1000 | 500 | 500 | 6000.23 |**

**| 1004 | anikka | 10 | clerk | 1981-05-22 | 5000.23 | 1000 | 500 | 500 | 7000.23 |**

**+-------+---------+---------------+-------------+------------+----------+------+------+------+-------------+**

**2 rows in set (0.00 sec)**