1.Create a table employee with fields empno,ename,job,bp,dep and insert 5 records

Success Tweet

```
create table employee (empno int,empname varchar(20),job varchar(20),bp int,dep varchar(20));
insert into employee (empno,empname,job,bp,dep)value(1,"salma","clerk",8000,"audit");
insert into employee (empno,empname,job,bp,dep)value(7,"anu","analyst",60000,"audit");
insert into employee (empno,empname,job,bp,dep)value(4,"manu","manager",80000,"finance");
insert into employee (empno,empname,job,bp,dep)value(3,"appu","salesman",10000,"marketing");
insert into employee (empno,empname,job,bp,dep)value(9,"beema","manager",80000,"production");
select * from employee;
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

```
empno   empname job      bp      dep
1       salma   clerk    8000    audit
7       anu     analyst 60000   audit
4       manu    manager 80000   finance
3       appu    salesman        10000   marketing
9       beema   manager 80000   production
```

2.Display the content of the employee table in ascending order of empno

```
create table employee (empno int,empname varchar(20),job varchar(20),bp int,dep varchar(20));
insert into employee (empno,empname,job,bp,dep)value(1,"salma","clerk",8000,"audit");
insert into employee (empno,empname,job,bp,dep)value(7,"anu","analyst",60000,"audit");
insert into employee (empno,empname,job,bp,dep)value(4,"manu","manager",80000,"finance");
insert into employee (empno,empname,job,bp,dep)value(3,"appu","salesman",10000,"marketing");
insert into employee (empno,empname,job,bp,dep)value(9,"beema","manager",80000,"production");
select * from employee order by empno asc;
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

```
empno   empname job      bp      dep
1       salma   clerk    8000    audit
3       appu    salesman        10000   marketing
4       manu    manager 80000   finance
7       anu     analyst 60000   audit
9       beema   manager 80000   production
```

3.Display the content of the employee table

```
create table employee (empno int,empname varchar(20),job varchar(20),bp int,dep varchar(20));
insert into employee (empno,empname,job,bp,dep)value(1,"salma","clerk",8000,"audit");
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insert into employee (empno,empname,job,bp,dep)value(9,"beema","manager",80000,"production");
select * from employee ;
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

```
empno   empname job      bp       dep
1       salma   clerk    8000     audit
7       anu     analyst  60000    audit
4       manu    manager  80000    finance
3       appu    salesman          10000    marketing
9       beema   manager  80000    production
```

4. .Display the half of the bp of all employees

```
create table employee (empno int,empname varchar(20),job varchar(20),bp int,dep varchar(20));
insert into employee (empno,empname,job,bp,dep)value(1,"salma","clerk",8000,"audit");
insert into employee (empno,empname,job,bp,dep)value(7,"anu","analyst",60000,"audit");
insert into employee (empno,empname,job,bp,dep)value(4,"manu","manager",80000,"finance");
insert into employee (empno,empname,job,bp,dep)value(3,"appu","salesman",10000,"marketing");
insert into employee (empno,empname,job,bp,dep)value(9,"beema","manager",80000,"production");
select bp/2 from employee ;
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

```
bp/2
4000.0000
30000.0000
40000.0000
5000.0000
40000.0000
```

5.List the name of employee whose name starts with character “b”

```
create table employee (empno int,empname varchar(20),job varchar(20),bp int,dep varchar(20));
insert into employee (empno,empname,job,bp,dep)value(1,"salma","clerk",8000,"audit");
insert into employee (empno,empname,job,bp,dep)value(7,"anu","analyst",60000,"audit");
insert into employee (empno,empname,job,bp,dep)value(4,"manu","manager",80000,"finance");
insert into employee (empno,empname,job,bp,dep)value(3,"appu","salesman",10000,"marketing");
insert into employee (empno,empname,job,bp,dep)value(9,"beema","manager",80000,"production");
select * from employee where empname like 'b%';
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

```
empno   empname job     bp      dep
9       beema   manager 80000   production
```

6. List the name of employee whose second character of ane are either ‘l’ or ‘u’

Success

```
create table employee (empno int,empname varchar(20),job varchar(20),bp int,dep varchar(20));
insert into employee (empno,empname,job,bp,dep)value(1,"salma","clerk",8000,"audit");
insert into employee (empno,empname,job,bp,dep)value(7,"anu","analyst",60000,"audit");
insert into employee (empno,empname,job,bp,dep)value(4,"minnu","manager",80000,"finance");
insert into employee (empno,empname,job,bp,dep)value(3,"appu","salesman",10000,"marketing");
insert into employee (empno,empname,job,bp,dep)value(9,"beema","manager",80000,"production");
select empname from employee where(empname like '_i%' or empname like '_u%');
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

```
empname
minnu
```

7.Retrieve all information whose salary between 10000 and 30000

```
create table employee (empno int,empname varchar(20),job varchar(20),bp int,dep varchar(20));
insert into employee (empno,empname,job,bp,dep)value(1,"salma","clerk",8000,"audit");
insert into employee (empno,empname,job,bp,dep)value(7,"anu","analyst",60000,"audit");
insert into employee (empno,empname,job,bp,dep)value(4,"minnu","manager",80000,"finance");
insert into employee (empno,empname,job,bp,dep)value(3,"appu","salesman",10000,"marketing");
insert into employee (empno,empname,job,bp,dep)value(9,"beema","manager",80000,"production");
select * from employee where bp between 10000 and 30000;
```

Save and Run

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

```
empno   empname job     bp      dep
3       appu    salesman        10000   marketing
```

8.Display the unique job from employee table

```
create table employee (empno int,empname varchar(20),job varchar(20),bp int,dep varchar(20));
insert into employee (empno,empname,job,bp,dep)value(1,"salma","clerk",8000,"audit");
insert into employee (empno,empname,job,bp,dep)value(7,"anu","analyst",60000,"audit");
insert into employee (empno,empname,job,bp,dep)value(4,"minnu","manager",80000,"finance");
insert into employee (empno,empname,job,bp,dep)value(3,"appu","salesman",10000,"marketing");
insert into employee (empno,empname,job,bp,dep)value(9,"beema","manager",80000,"production");
select distinct job from employee;
```

Save and Run

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

```
job
clerk
analyst
manager
salesman
```

9.List the name and salary of employee who earn salary between 5000 and 12000 and are in department 20 or 50 table

```
create table employee (empno int,empname varchar(20),job varchar(20),bp int,dep varchar(20));
insert into employee (empno,empname,job,bp,dep)value(1,"salma","clerk",8000,20);
insert into employee (empno,empname,job,bp,dep)value(7,"anu","analyst",60000,35);
insert into employee (empno,empname,job,bp,dep)value(4,"minnu","manager",80000,40);
insert into employee (empno,empname,job,bp,dep)value(3,"appu","salesman",10000,50);
insert into employee (empno,empname,job,bp,dep)value(9,"beema","manager",80000,20);
select empname,bp from employee where bp not between 5000 and 12000 and dep in (20,50);
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

```
empname bp
beema   80000
```

10.Display the name of employee whose salary is not between 5000 and 10000

```
create table employee (empno int,empname varchar(20),job varchar(20),bp int,dep varchar(20));
insert into employee (empno,empname,job,bp,dep)value(1,"salma","clerk",8000,20);
insert into employee (empno,empname,job,bp,dep)value(7,"anu","analyst",60000,35);
insert into employee (empno,empname,job,bp,dep)value(4,"minnu","manager",80000,40);
insert into employee (empno,empname,job,bp,dep)value(3,"appu","salesman",10000,50);
insert into employee (empno,empname,job,bp,dep)value(9,"beema","manager",80000,20);
select empname from employee where bp not between 5000 and 10000;
```

Success

Save and Run

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

```
empname
anu
minnu
beema
```

11.Display the name job of all employee whose job is ‘clerk ,’manager ,’analyst’

```
create table employee (empno int,empname varchar(20),job varchar(20),bp int,dep varchar(20));
insert into employee (empno,empname,job,bp,dep)value(1,"salma","clerk",8000,20);
insert into employee (empno,empname,job,bp,dep)value(7,"anu","analyst",60000,35);
insert into employee (empno,empname,job,bp,dep)value(4,"minnu","manager",80000,40);
insert into employee (empno,empname,job,bp,dep)value(3,"appu","salesman",10000,50);
insert into employee (empno,empname,job,bp,dep)value(9,"beema","manager",80000,20);
select empname,job from employee where job in('clerk','manager','analyst');
```

Save and Run

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

```
empname job
salma   clerk
anu     analyst
minnu   manager
beema   manager
```

12.Display the employee in descending order of their salary

Success

```
create table employee (empno int,empname varchar(20),job varchar(20),bp int,dep varchar(20));
insert into employee (empno,empname,job,bp,dep)value(1,"salma","clerk",8000,20);
insert into employee (empno,empname,job,bp,dep)value(7,"anu","analyst",60000,35);
insert into employee (empno,empname,job,bp,dep)value(4,"minnu","manager",80000,40);
insert into employee (empno,empname,job,bp,dep)value(3,"appu","salesman",10000,50);
insert into employee (empno,empname,job,bp,dep)value(9,"beema","manager",80000,20);
select * from employee order by bp desc;
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

```
empno   empname job     bp      dep
4       minnu   manager 80000   40
9       beema   manager 80000   20
7       anu     analyst 60000   35
3       appu    salesman        10000   50
1       salma   clerk   8000    20
```