

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

```
1 create table employee(empno int(20),empname varchar(30),job varchar(30),bp int(20),dept varchar(30));
2 insert into employee(empno,empname,job,bp,dept)values(1,'Bindhu','Manager',10000,'finance');
3 insert into employee(empno,empname,job,bp,dept)values(2,'Afla','Supervisor',20000,'Marketing');
4 insert into employee(empno,empname,job,bp,dept)values(3,'Suma','Employee',4000,'Production');
5 insert into employee(empno,empname,job,bp,dept)values(4,'Janu','Employee',1000,'Packing');
6 insert into employee(empno,empname,job,bp,dept)values(5,'Jeeva','Operator',6000,'Production');
7 select * from employee;
8
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

empno	empname	job	bp	dept
1	Bindhu	Manager	10000	finance
2	Afla	Supervisor	20000	Marketing
3	Suma	Employee	4000	Production
4	Janu	Employee	1000	Packing
5	Jeeva	Operator	6000	Production

2 . Display the contents of the employee table in ascending of empno

```
1 create table employee(empno int(20),empname varchar(30),job varchar(30),bp int(20),dept varchar(30));
2 insert into employee(empno,empname,job,bp,dept)values(1,'Bindhu','Manager',10000,'finance');
3 insert into employee(empno,empname,job,bp,dept)values(2,'Afla','Supervisor',20000,'Marketing');
4 insert into employee(empno,empname,job,bp,dept)values(3,'Suma','Employee',4000,'Production');
5 insert into employee(empno,empname,job,bp,dept)values(4,'Janu','Employee',1000,'Packing');
6 insert into employee(empno,empname,job,bp,dept)values(5,'Jeeva','Operator',6000,'Production');
7 select * from employee order by empno asc;
8
```

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Output Input Comments 0

empno	empname	job	bp	dept
1	Bindhu	Manager	10000	finance
2	Afla	Supervisor	20000	Marketing
3	Suma	Employee	4000	Production
4	Janu	Employee	1000	Packing
5	Jeeva	Operator	6000	Production

3 . Display the contents of employee

```
1 create table employee(empno int(20),empname varchar(30),job varchar(30),bp int(20),dept varchar(30));
2 insert into employee(empno,empname,job,bp,dept)values(1,'Bindhu','Manager',10000,'finance');
3 insert into employee(empno,empname,job,bp,dept)values(2,'Afla','Supervisor',20000,'Marketing');
4 insert into employee(empno,empname,job,bp,dept)values(3,'Suma','Employee',4000,'Production');
5 insert into employee(empno,empname,job,bp,dept)values(4,'Janu','Employee',1000,'Packing');
6 insert into employee(empno,empname,job,bp,dept)values(5,'Jeeva','Operator',6000,'Production');
7 select * from employee;
8
```

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Output Input Comments 0

empno	empname	job	bp	dept
1	Bindhu	Manager	10000	finance
2	Afla	Supervisor	20000	Marketing
3	Suma	Employee	4000	Production
4	Janu	Employee	1000	Packing
5	Jeeva	Operator	6000	Production

4 . Display the half of the bp of all employee

```
1 create table employee(empno int(20),empname varchar(30),job varchar(30),bp int(20),dept varchar(30));
2 insert into employee(empno,empname,job,bp,dept)values(1,'Bindhu','Manager',10000,'finance');
3 insert into employee(empno,empname,job,bp,dept)values(2,'Afla','Supervisor',20000,'Marketing');
4 insert into employee(empno,empname,job,bp,dept)values(3,'Suma','Employee',4000,'Production');
5 insert into employee(empno,empname,job,bp,dept)values(4,'Janu','Employee',1000,'Packing');
6 insert into employee(empno,empname,job,bp,dept)values(5,'Jeeva','Operator',6000,'Production');
7 select bp/2 from employee;
8
```

Run (Ctrl-Enter)

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Output Input Comments 0

bp/2
5000.0000
10000.0000
2000.0000
500.0000
3000.0000

5 . List the name of employee whose name starts with character 'B'

```
1 create table employee(empno int(20),empname varchar(30),job varchar(30),bp int(20),dept varchar(30));
2 insert into employee(empno,empname,job,bp,dept)values(1,'Bindhu','Manager',10000,'finance');
3 insert into employee(empno,empname,job,bp,dept)values(2,'Afla','Supervisor',20000,'Marketing');
4 insert into employee(empno,empname,job,bp,dept)values(3,'Suma','Employee',4000,'Production');
5 insert into employee(empno,empname,job,bp,dept)values(4,'Janu','Employee',1000,'Packing');
6 insert into employee(empno,empname,job,bp,dept)values(5,'Jeeva','Operator',6000,'Production');
7 select * from employee where empname like 'B%';
8
```

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Output Input Comments 0

empno	empname	job	bp	dept
1	Bindhu	Manager	10000	finance

6 . List the name of employee whose second char of name are either 'I'or 'U'

```
1 create table employee(empno int(20),empname varchar(30),job varchar(30),bp int(20),dept varchar(30));
2 insert into employee(empno,empname,job,bp,dept)values(1,'Bindhu','Manager',10000,'finance');
3 insert into employee(empno,empname,job,bp,dept)values(2,'Afla','Supervisor',20000,'Marketing');
4 insert into employee(empno,empname,job,bp,dept)values(3,'Suma','Employee',4000,'Production');
5 insert into employee(empno,empname,job,bp,dept)values(4,'Janu','Employee',1000,'Packing');
6 insert into employee(empno,empname,job,bp,dept)values(5,'Jeeva','Operator',6000,'Production');
7 select empname from employee where(empname like '_i%'or empname like '_u%');
8
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

empname
Bindhu
Suma

7 . Retrieve all information whose salary b/w 10000 and 20000

```
1 create table employee(empno int(20),empname varchar(30),job varchar(30),bp int(20),dept varchar(30));
2 insert into employee(empno,empname,job,bp,dept)values(1,'Bindhu','Manager',10000,'finance');
3 insert into employee(empno,empname,job,bp,dept)values(2,'Afla','Supervisor',20000,'Marketing');
4 insert into employee(empno,empname,job,bp,dept)values(3,'Suma','Employee',4000,'Production');
5 insert into employee(empno,empname,job,bp,dept)values(4,'Janu','Employee',1000,'Packing');
6 insert into employee(empno,empname,job,bp,dept)values(5,'Jeeva','Operator',6000,'Production');
7 select * from employee where bp between 10000 and 30000;
8 |
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

empno	empname	job	bp	dept
1	Bindhu	Manager	10000	finance
2	Afla	Supervisor	20000	Marketing

8 . Display the unique job from employee table

```
1 create table employee(empno int(20),empname varchar(30),job varchar(30),bp int(20),dept varchar(30));
2 insert into employee(empno,empname,job,bp,dept)values(1,'Bindhu','Manager',10000,'finance');
3 insert into employee(empno,empname,job,bp,dept)values(2,'Afla','Supervisor',20000,'Marketing');
4 insert into employee(empno,empname,job,bp,dept)values(3,'Suma','Employee',4000,'Production');
5 insert into employee(empno,empname,job,bp,dept)values(4,'Janu','Employee',1000,'Packing');
6 insert into employee(empno,empname,job,bp,dept)values(5,'Jeeva','Operator',6000,'Production');
7 select distinct job from employee;
8 |
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

job
Manager
Supervisor
Employee
Operator

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

```
1 create table employee(empno int(20),empname varchar(30),job varchar(30),bp int(20),dept int(30));
2 insert into employee(empno,empname,job,bp,dept)values(1,'Bindhu','Manager',10000,45);
3 insert into employee(empno,empname,job,bp,dept)values(2,'Afla','Supervisor',20000,20);
4 insert into employee(empno,empname,job,bp,dept)values(3,'Suma','Employee',4000,40);
5 insert into employee(empno,empname,job,bp,dept)values(4,'Janu','Employee',1000,50);
6 insert into employee(empno,empname,job,bp,dept)values(5,'Jeeva','Operator',6000,30);
7 select empname,bp from employee where bp not between 5000 and 12000 and dept in(20,50);
8
```

Run (Ctrl-Enter)

MySQL books

Output Input Comments 0

empname	bp
Afla	20000
Janu	1000

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

```
1 create table employee(empno int(20),empname varchar(30),job varchar(30),bp int(20),dept varchar(30));
2 insert into employee(empno,empname,job,bp,dept)values(1,'Bindhu','Manager',10000,'finance');
3 insert into employee(empno,empname,job,bp,dept)values(2,'Afla','Supervisor',20000,'Marketing');
4 insert into employee(empno,empname,job,bp,dept)values(3,'Suma','Employee',4000,'Production');
5 insert into employee(empno,empname,job,bp,dept)values(4,'Janu','Employee',1000,'Packing');
6 insert into employee(empno,empname,job,bp,dept)values(5,'Jeeva','Operator',6000,'Production');
7 select empname from employee where bp not between 5000 and 10000;
8
```

Run (Ctrl-Enter)

MySQL books

Output Input Comments 0

empname
Afla
Suma
Janu

11 . Display the name and job of all employee whose job is 'clerk','manager','analyst'

```
1 create table employee(empno int(20),empname varchar(30),job varchar(30),bp int(20),dept varchar(30));
2 insert into employee(empno,empname,job,bp,dept)values(1,'Bindhu','Manager',10000,'finance');
3 insert into employee(empno,empname,job,bp,dept)values(2,'Afla','Supervisor',20000,'Marketing');
4 insert into employee(empno,empname,job,bp,dept)values(3,'Suma','Employee',4000,'Production');
5 insert into employee(empno,empname,job,bp,dept)values(4,'Janu','Employee',1000,'Packing');
6 insert into employee(empno,empname,job,bp,dept)values(5,'Jeeva','Operator',6000,'Production');
7 select empname,job from employee where job in('clerk','manager','analyst');
8
```

Run (Ctrl-Enter)

MySQL books

Output Input Comments 0

empname	job
Bindhu	Manager

12 . Display the employee in descending order of their salary

```
1 create table employee(empno int(20),empname varchar(30),job varchar(30),bp int(20),dept varchar(30));
2 insert into employee(empno,empname,job,bp,dept)values(1,'Bindhu','Manager',10000,'finance');
3 insert into employee(empno,empname,job,bp,dept)values(2,'Afla','Supervisor',20000,'Marketing');
4 insert into employee(empno,empname,job,bp,dept)values(3,'Suma','Employee',4000,'Production');
5 insert into employee(empno,empname,job,bp,dept)values(4,'Janu','Employee',1000,'Packing');
6 insert into employee(empno,empname,job,bp,dept)values(5,'Jeeva','Operator',6000,'Production');
7 select * from employee order by bp desc;
8
```

Run (Ctrl-Enter)

MySQL books

Output Input Comments 0

empno	empname	job	bp	dept
2	Afla	Supervisor	20000	Marketing
1	Bindhu	Manager	10000	finance
5	Jeeva	Operator	6000	Production
3	Suma	Employee	4000	Production
4	Janu	Employee	1000	Packing