2-

create table Client\_master(

clientno int,

name char(200),

address varchar(200),

city char(200),

state char(200),

bal\_due int);

mysql> insert into Client\_master(clientno,name,address,city,state,bal\_due) value

s("C121","vaibhav","123 maidagin","varanasi","UP",4000);

Query OK, 1 row affected (0.06 sec)

mysql> insert into Client\_master(clientno,name,address,city,state,bal\_due) value

s("C122","arjunpallu","420 yadavbhavan","varanasi","UP",5000);

Query OK, 1 row affected (0.06 sec)

mysql> insert into Client\_master(clientno,name,address,city,state,bal\_due) value

s("C123","Hima","assi","ghaziabad","Delhi",6000);

Query OK, 1 row affected (0.30 sec)

mysql> insert into Client\_master(clientno,name,address,city,state,bal\_due) value

s("C124","SRC","maachi","Kolkata","West Bengal",5500);

Query OK, 1 row affected (0.28 sec)

mysql> insert into Client\_master(clientno,name,address,city,state,bal\_due) value

s("C125","Vini","Sarnath","Varanasi","UP",3500);

Query OK, 1 row affected (0.28 sec)

mysql> select \* from Client\_master

-> ;

+----------+------------+-----------------+-----------+-------------+---------+

| clientno | name | address | city | state | bal\_due |

+----------+------------+-----------------+-----------+-------------+---------+

| C121 | vaibhav | 123 maidagin | varanasi | UP | 4000 |

| C122 | arjunpallu | 420 yadavbhavan | varanasi | UP | 5000 |

| C123 | Hima | assi | ghaziabad | Delhi | 6000 |

| C124 | SRC | maachi | Kolkata | West Bengal | 5500 |

| C125 | Vini | Sarnath | Varanasi | UP | 3500 |

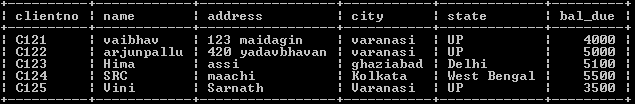
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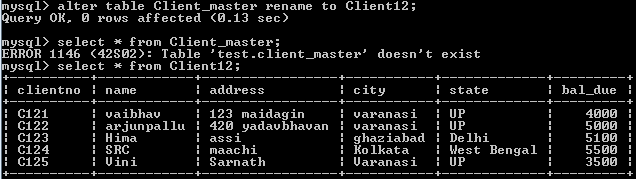
Select name from Client\_master where bal\_due>5000;



update Client\_master set bal\_due=5100 where clientno="C123";

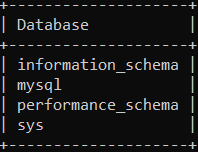
select \* from Client\_master;







9-

Show databases;

use mysql;

show tables;

CREATE TABLE Departments(dept\_noint,dept\_name varchar(200),dept\_location varchar(200));

INSERT into Departments(dept\_no,dept\_name,dept\_location) values(1,'CIMS','ISC');

INSERT into Departments(dept\_no,dept\_name,dept\_location) values(2,'HINDI','FOA');

INSERT into Departments(dept\_no,dept\_name,dept\_location) values(3,'COMMERCE','FOC');

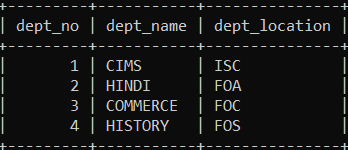
INSERT into Departments(dept\_no,dept\_name,dept\_location) values(4,'HISTORY','FOS');

CREATE TABLE Employees(emp\_idint,emp\_name varchar(200),emp\_salaryint,dept\_no int);

INSERT into Employees(emp\_id,emp\_name,emp\_salary,dept\_no) values(101,'Vaibhav',3500,1);

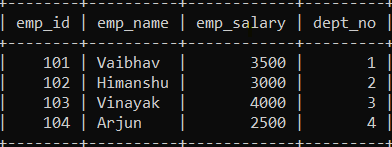
INSERT into Employees(emp\_id,emp\_name,emp\_salary,dept\_no) values(102,'Himanshu',3000,2);

INSERT into Employees(emp\_id,emp\_name,emp\_salary,dept\_no) values(103,'Vinayak',4000,3);

INSERT into Employees(emp\_id,emp\_name,emp\_salary,dept\_no) values(104,'Arjun',2500,4);

Select \* from Departments;

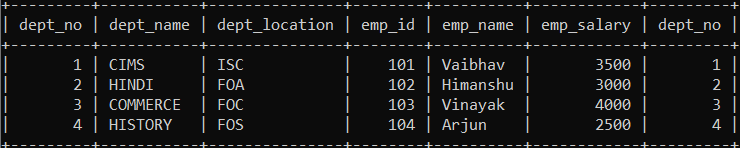
Select \* from Employees;



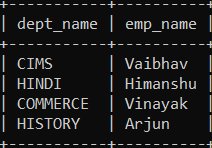
1. select \* from Departments INNER JOIN Employees ON Employees.dept\_no=Departments.dept\_no;

OR

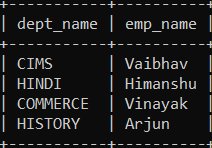
1. select Departments.dept\_no,Departments.dept\_name,Departments.dept\_location,Employees.emp\_id,Employees.emp\_name,Employees.emp\_salary,Employees.dept\_no from Departments INNER JOIN Employees ON Employees.dept\_no=Departments.dept\_no;



1. select Departments.dept\_name,Employees.emp\_name from Departments LEFT JOIN Employees ON Employees.dept\_no=Departments.dept\_no;



1. select Departments.dept\_name,Employees.emp\_name from Departments RIGHT JOIN Employees ON Employees.dept\_no=Departments.dept\_no;



1. select \* from Employees where emp\_salary> (select AVG(emp\_salary) from Employees);

