To open the database:

mysql> use <your name>;

Q5. Create the following tables by identifying primary and foreign keys. Specify the not null property for mandatory keys.

SUPPLIERS (SNO, SNAME, SADDR, CITY)
ITEMS (INO, SNO, INAME, QTY)

To create table:

mysql> create table suppliers
-> (s_no varchar(4) primary key,
-> sname varchar(25) not null,
-> saddr varchar(15) not null,
-> city varchar(15) not null);

mysql> insert into suppliers(s_no,sname,saddr,city)
-> values('S001','Microtech','Pumpwell','Mangalore');

Similarly insert 04 records.

mysql> select * from suppliers;

To create table:

mysql> create table items
-> (ino varchar(4) primary key,
-> s_no varchar(4),
-> iname varchar(25) not null,
-> qty int(3) not null,
-> foreign key(s_no) references suppliers(s_no));

mysql> insert into items(ino,s_no,iname,qty)
-> values('I001','S001','Keyboard',2);

Similarly insert 04 records.

mysql> select * from items;

Execute the following queries:

a. List item and supplier details.
   mysql> select sname,iname from suppliers,items where suppliers.s_no=items.s_no;

b. List the names of the suppliers who are supplying Keyboard.
mysql> select sname from suppliers,items where suppliers.s_no=items.s_no and items.iname='Keyboard';

c. Display the items supplied by 'Microtech'.
mysql> select iname from suppliers,items where suppliers.s_no=items.s_no and
suppliers.sname='Microtech';

d. List the items supplied by the suppliers 'Cats' and 'Electrotech'.
mysql> select iname from suppliers,items where suppliers.s_no=items.s_no and suppliers.sname
in('Cats','Electrotech');

Note :

When you are inserting records,

1. Please give the supplier names as "Microtech","Cats","Electrotech"
2. Please give one of the item name is keyboard