

一、

1.

create view SH_Pro

As

Select JNO,JNAME

Form J

Where CITY="上海";

2.

Select PNO

From SPJ

Where SNO in

(select SNO

From S,J

Where S.CITY=J.CITY);

3.

Select JNO

From SPJ,S,P

Where (S.CITY<>"天津" or P.color<>"红")

And SPJ.SNO=S.SNO and SPJ.PNO=P.PNO;

4.

Select SNO

From SPJ

Where weight in

(select min(weight)

From P);

5.

Select PNO

From SPJ

Where SNO<>ALL(select SNO

From S

Where CITY="北京");

6.

Select SNO,SNAME,QTY

From SPJ,S

Where S.SNO=SPJ.SNO

Order by S.SNO;

7.

Select SNAME,QTY

From SPJ,S

Where QTY>1000 and SPJ.SNO=S.SNO;

8.

Update P

Set color="蓝"

Where color="红";

9.

Insert into SPJ values(S2,P4,J6,200);

10.

Delete from S

Where SNO=S2

And

Delete from SPJ

Where SNO=S2;

二、

1.

select C#,CNAME

from C

where teacher="王老师";

2.

Select S#,SNAME

From S

Where sex="男" and age > 22;

3.

Select CNAME,TEACHER

From SC,C

Where SC.C#=C.C# and S#=10001;

4.

Select SNAME

From SC,S,C

Where S.S#=SC.S# and SC.C#=C.C# and sex="女" and teacher="王老师";

5.

Select C#

From C

DIFFERENCE

Select C#

From SC,S

Where S.S#=SC.S# and SNAME="张晓明";

6.

Select S#,SNAME

From SC,S

Where SC.S#=S.S#

Group by S# having count(C#)>1;

7.

Select S#,SNAME

From S,SC

Where S.S#=SC.S#

```

Group by S.S# having avg(grade)>85;
8.
Select C#,CNAME
From C,S,SC
Where S.S#=SC.S# and S.C#=C.C#
Group by c# having count(S.S#)=(select count(S.S#)
                                From S);

```

三、

1. Create table Orders(
OrderID int,
SupplierID int,
MovieID int,
Copies int
);

```
Create table Rentals(  
  CustomerID int,  
  TapelID int,  
  CkoutDate long,  
  Duration int  
);
```

2.
 - a)
insert into Rentals value (2398,5600,170326,30);
 - b)
delete from Rentals where CkoutDate<000101;
 - c)

```
update MovieSupplier
set Price=Price/6.88;
```

```
3. Create view JHV
As
Select MivieName,Price
From Movies,MovieSupplier,Suppliers
Where Movies.MovieID=MovieSupplier.MovieID
And Suppliers.SupplierID=MovieSupplier.SupplierID
And Suppliers.SupplierName="Joe's House of Video";
4.select SupplierName,count(MoielD)
From Inventory,MovieSupplier,Suppliers
Where Inventory.MovieID=MovieSupplier.MovieID
```

And MovieSupplier.SupplierID=Suppliers.SupplierID

Group by SupplierName;

5.

Select MovieName

From Orders,Inventory,Movies

Where Orders.MovieID=Movies.MovieID=Inventory.MovieID

Group by MovieName having count(TapeID)>5;

6.

Select MovieName

From Inventory,Movies

Where Inventory.MovieID=Movies.MovieID

Group by MovieName having count(TapeID)>1;

7.

Select MovieName

From Rentals,Movies,Inventory

Where Rentals.TapeID=Inventory.TapeID

And Inventory.MovieID=Movies.MovieID

And Duration=(select max(Duration)
From Rentals);

8.

Select MovieName

From Inventory,Movies

Where not exists(select *
From Inventory)

And Inventory.MovieID=Movies.MovieID;

9.

Select SupplierID,SupplierName

From Suppliers,Movies,MovieSupplier

Where Suppliers.SupplierID=MovieSupplier.SupplierID

And Movies.MovieID=MovieSupplier.MovieID

And Price=(select min(Price)
From MovieSupplier,Movies
Where Movies.MovieID=MovieSupplier.MovieID
And MovieName="Hacksaw Ridge");

10.

Select distinct CustomerName

From Customers,Rentals,Inventory,Movies,Suppliers,MovieSupplier

Where Customers.CustomerID=Rentals.CustomerID

And Rentals.TapeID=Inventory.TapeID

And Inventory.MovieID=Movies.MovieID=MovieSupplier.MovieID

And MovieSupplier.SupplierID=Suppliers.SupplierID

And (MovieName="Beauty and the Beast"

Or SupplierName="VWS Video");