创建基本表：

create table SP

(Spname char(50) not null,

spNo float,

st char(50),

product char(50)

);

create table Sh

(ShNo int,

Shname char(50)

);

create table Ck

(ChNo int,

SpNo char(10),

Cday int,

Quality int,

Cname char(50),

Sname char(50)

);

create table Rk

(RkNo int,

SpNo char(10),

Rday int,

Quality int,

Rname char(50),

Sname char(50)

);

插入信息：

insert

into Rk

values ('100','bb','222','212','ee','ff')

删除信息：

delete

from Ck

where CkNo='1909'

修改信息：

update Sp

set st='401克'

where SpNo='Sp8'

商品出入库信息：

select spname,Cday,Rday

from Sp

left outer join Ck

on Sp.spNo=Ck.SpNo

left outer join Rk

on Sp.spNo=Rk.spno

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create table Ck1

(ChNo int,

SpNo char(10),

Cyear int,

Cmouth int,

Cdate int,

Quality int,

Cname char(50),

Sname char(50)

);

create table Rk1

(RkNo int,

SpNo char(10),

Ryear int,

Rmouth int,

Rdate int,

Quality int,

Rname char(50),

Sname char(50)

);

按年出库信息：

select Cyear ,sum(Ck1.Quality) as Cquality

from Ck1

group by Cyear

按年入库信息：

select Ryear,sum(Rk1.quality)as Rquality

from Rk1

group by Ryear

按月出库信息：

select Cmouth ,sum(Ck1.Quality) as Cquality

from Ck1

group by Cmouth

按月入库信息：

select Rmouth,sum(Rk1.quality)as Rquality

from Rk1

group by Rmouth

按日出库信息：

select Cdate ,sum(Ck1.Quality) as Cquality

from Ck1

group by Cdate

按日入库信息：

select Rdate,sum(Rk1.quality)as Rquality

from Rk1

group by Rdate

创建商品视图：

create view Sp\_view

As

select CkNo,Spname,Cday,Quality

from Ck,Sp

where Ck.SpNo=Sp.SpNo

查询视图:

select \*

from Sp\_view

创建出库视图：

create view Ck\_view

As

select CkNo,SpNo,Cday,quality,Cname,Sname

from Ck

查询视图:

select \*

from Ck\_view

创建入库视图：

create view Rk\_view

As

select RkNo,SpNo,Rday,quality,Rname,Sname

from Rk

查询视图:

select \*

from Rk\_view

创建仓库视图：

create view Sh\_view

As

select ShNo,Shname

from Sh

查询信息:

select \*

from Sh\_view

创建入库后在商品信息表中的触发器：

create trigger Rk\_Store

on Rk after insert

AS

declare @SpNo char(20),@Rquality int

select @SpNo=SpNo,@Rquality=Rquality

from inserted

update Sp

set Cknum=Cknum+@Rquality

where SpNo=@SpNo

验证该触发器：

insert

into Rk

Values('1811','Sp1','20190220',35,'二号仓库','白晓 ')

出库商品后在商品信息表上更新的记录触发器：

create trigger Ck\_Store

on Ck after insert

AS

declare @CkNo char(20),@SpNo char(20),@Cday datetime,@Cquality int,@Cname Char(20),@Sname char(20)

select @SpNo=Sp.SpNo,@Cquality=inserted.Cquality

from inserted,Sp

where Sp.SpNo=inserted.SpNo

update Sp

set Cknum=Cknum-@Cquality

where Sp.SpNo=@SpNo

验证该触发器：

insert

into Ck

Values('1911','Sp2','20190213',20,'一号仓库','张三')