-- Query #1

update orders

set employeeid=4

where employeeid=1

-- Query #2

update [order details]

set quantity=round(0.8\*quantity,0)

where orderid in (

select orderid

from orders

where orderdate>'1997-05-15'

) and productid in (

select productid

from products

where productname='Ikura'

)

-- Query #3

delete from customers

where customerid not in (

select distinct customerid

from orders

)

-- Scenario #1

select \*, getdate() as archivedate

into archivedorders

from orders

where year(orderdate)=1996

alter table archivedorders

add constraint pk\_archord

primary key (orderid)

alter table archivedorders

add constraint fk\_archord\_customer

foreign key (customerid) references customers (customerid)

alter table archivedorders

add constraint fk\_archord\_employees

foreign key (employeeid) references employees (employeeid)

select od.\*

into archivedorderdetails

from [order details] as od

join archivedorders as ao on ao.orderid=od.orderid

delete from [order details]

where orderid in (

select orderid

from archivedorderdetails

)

delete from orders

where orderid in (

select orderid

from archivedorderdetails

)

-- Scenario #2

alter table orders

add iscancelled int

update orders

set iscancelled = 1

where customerid='ALFKI'

update orders

set iscancelled = 0

where customerid != 'ALFKI'

update [order details]

set quantity=0

where orderid in (

select od.orderid

from [order details] as od

join orders as o on o.orderid=od.orderid

where o.customerid='ALFKI'

)

begin transaction

.

.

.

commit