drop view if exists view\_doctor\_visiting\_hisotry

drop view if exists view\_doctor\_appointments

drop view if exists view\_appointment\_order\_\_by

drop view if exists view\_total\_bill

go

create view view\_total\_bill as

select j.owner\_firstname + ' ' + j.owner\_lastname as 'owner name',

k.appointment\_time, k.appointment\_date,--when we did the appointment and assign bills

SUM(i.bill\_treatment\_cost + i.bill\_medication\_cost + i.bill\_insurance\_covering) as total\_bill,

i.bill\_status

from bills i

join owners j on j.owner\_id = i.bill\_for\_owner

join appointments k on k.appointment\_id = i.bill\_for\_appointment

group by j.owner\_firstname, j.owner\_lastname, k.appointment\_time, k.appointment\_date,i.bill\_status

go

create view view\_appointment\_order\_\_by as

select j.owner\_firstname + ' ' + j.owner\_lastname as 'owner name',

i.patient\_name, k.appointment\_date, i.patient\_type,

rank () over (

partition by j.owner\_firstname order by k.appointment\_date

) as times\_of\_appointment

from patients i

left join owners j on j.owner\_id = i.patient\_owned\_by

join appointments k on k.appointment\_by\_patient = i.patient\_id

group by j.owner\_firstname, j.owner\_lastname, i.patient\_name,k.appointment\_date,i.patient\_type

go

create view view\_doctor\_appointments as

select j.doctor\_firstname + ' ' + j.doctor\_lastname as doctor\_name,

i.appointment\_date, k.patient\_name,

rank () over (

partition by j.doctor\_firstname order by i.appointment\_date

) as times\_of\_visiting

from appointments i

join doctors j on j.doctor\_id = i.appointment\_assign\_doctor

join patients k on k.patient\_id = i.appointment\_by\_patient

go

create view view\_doctor\_visiting\_hisotry as

select j.doctor\_firstname + ' ' + j.doctor\_lastname as doctor\_name,

animal\_type, k.appointment\_date

from doctor\_animal i

join doctors j on j.doctor\_id = i.doctor\_id

join appointments k on k.appointment\_assign\_doctor = i.doctor\_id

group by j.doctor\_firstname, j.doctor\_lastname, animal\_type, k.appointment\_date