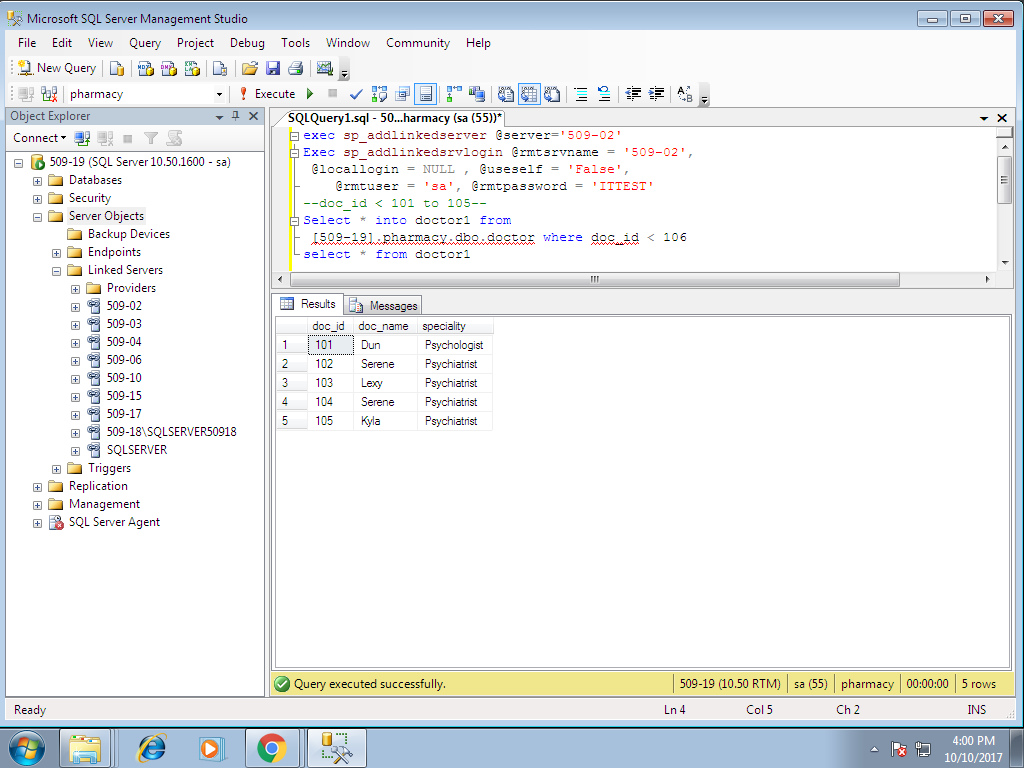
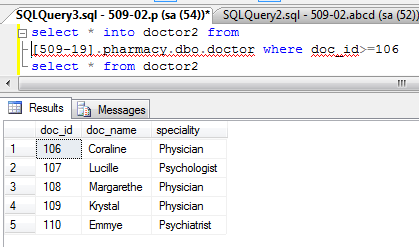
**FRAGMENTATION**

**HORIZONTAL FRAGMENTATION**

Doctor1 (doc\_id < 106)



Doctor2 (doc\_id >=106)

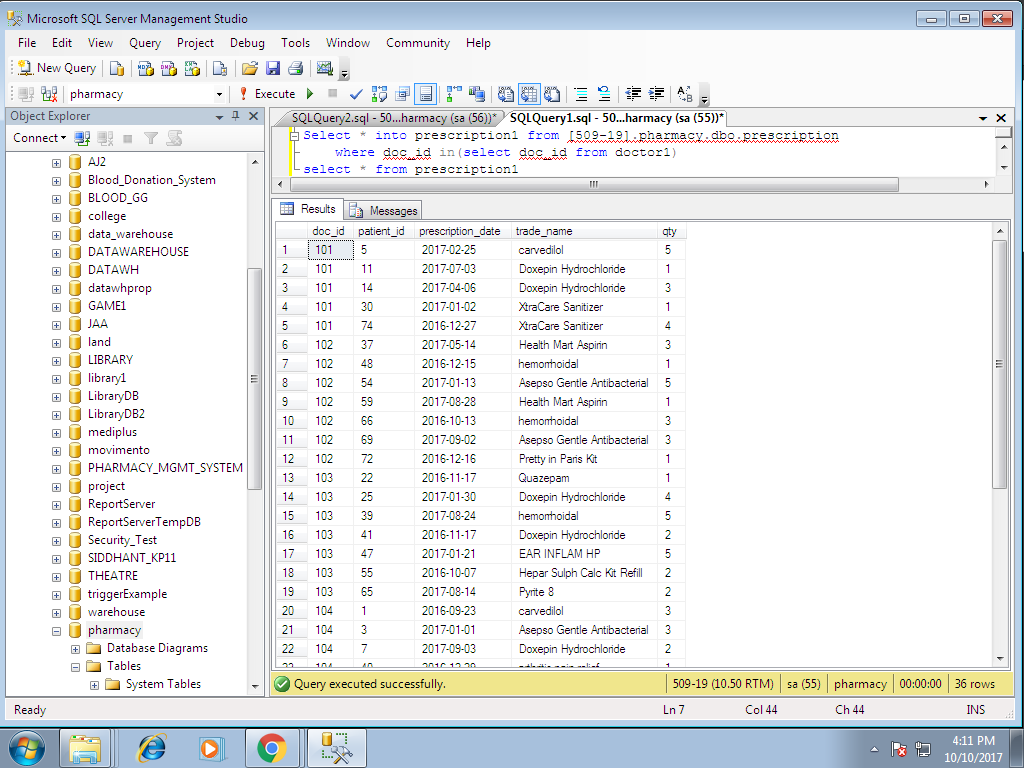


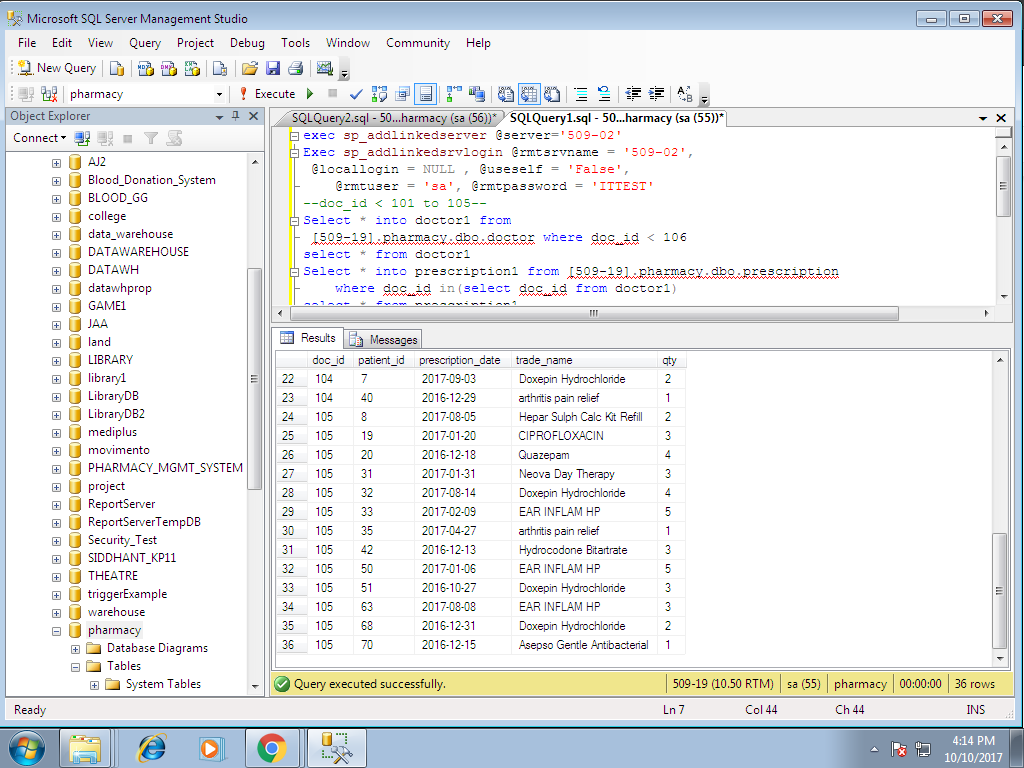
**DERIVED HORIZONTAL FRAGMENTATION**

prescription 1 patients prescribed by doctor 1

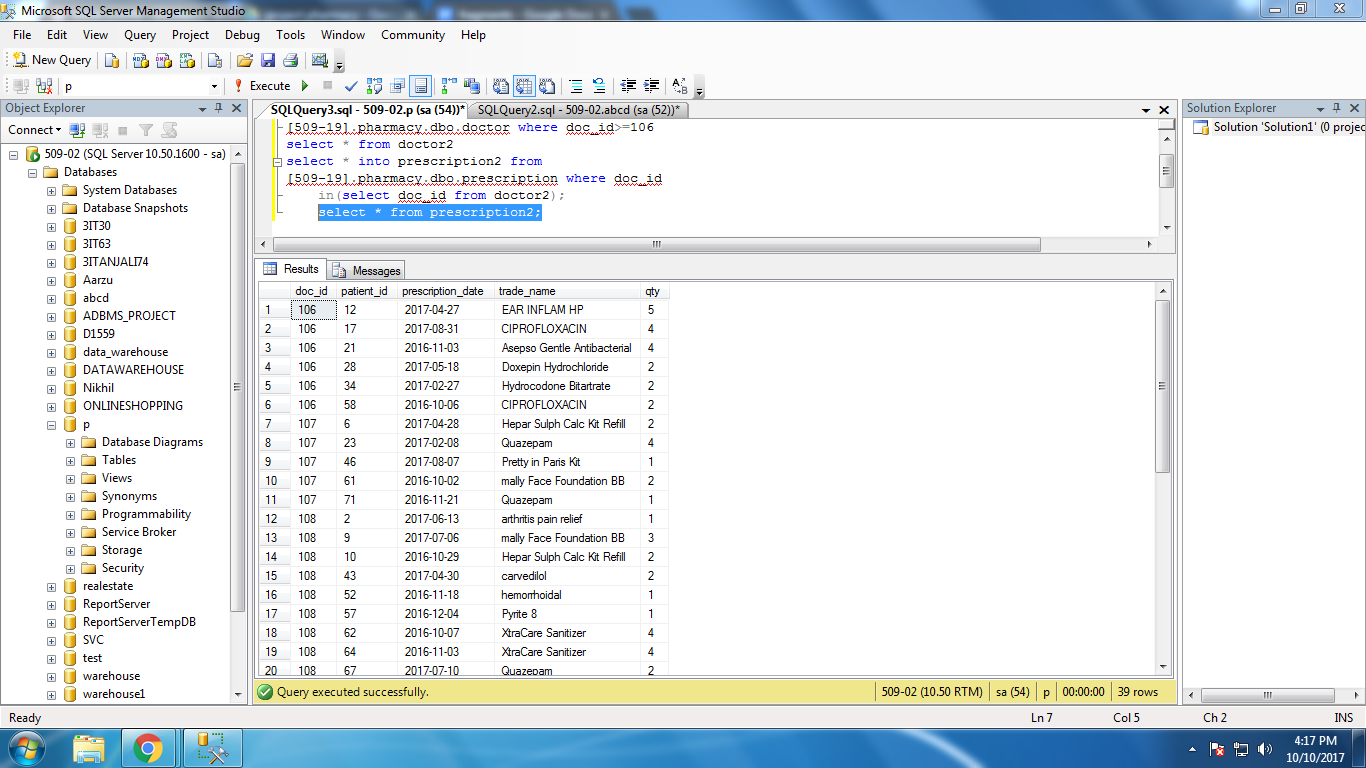
prescription 2 patients prescribed by doctor 2

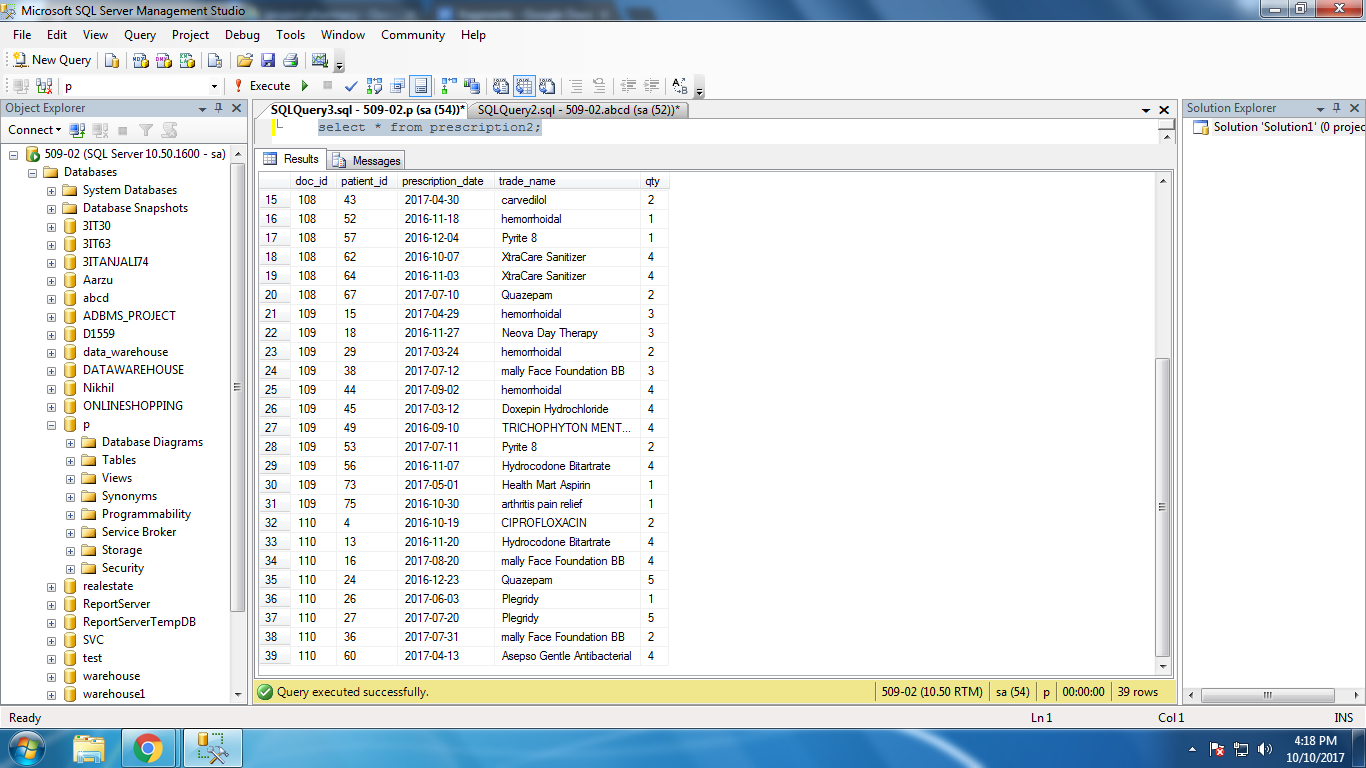
Precription 1





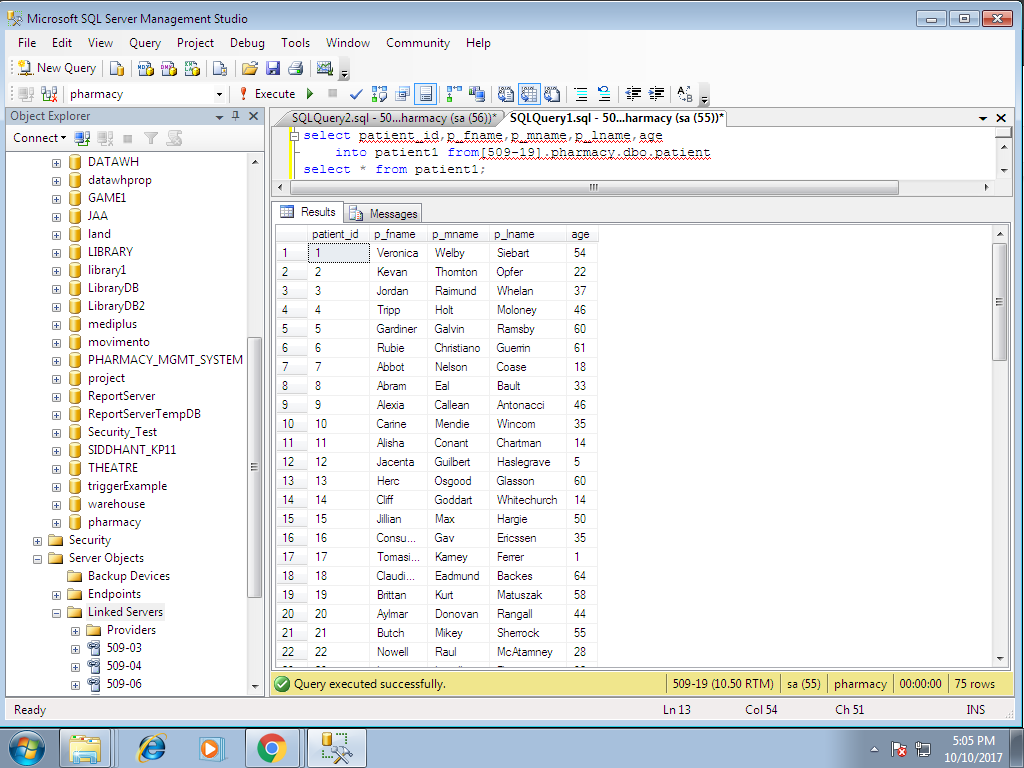
Precription 2



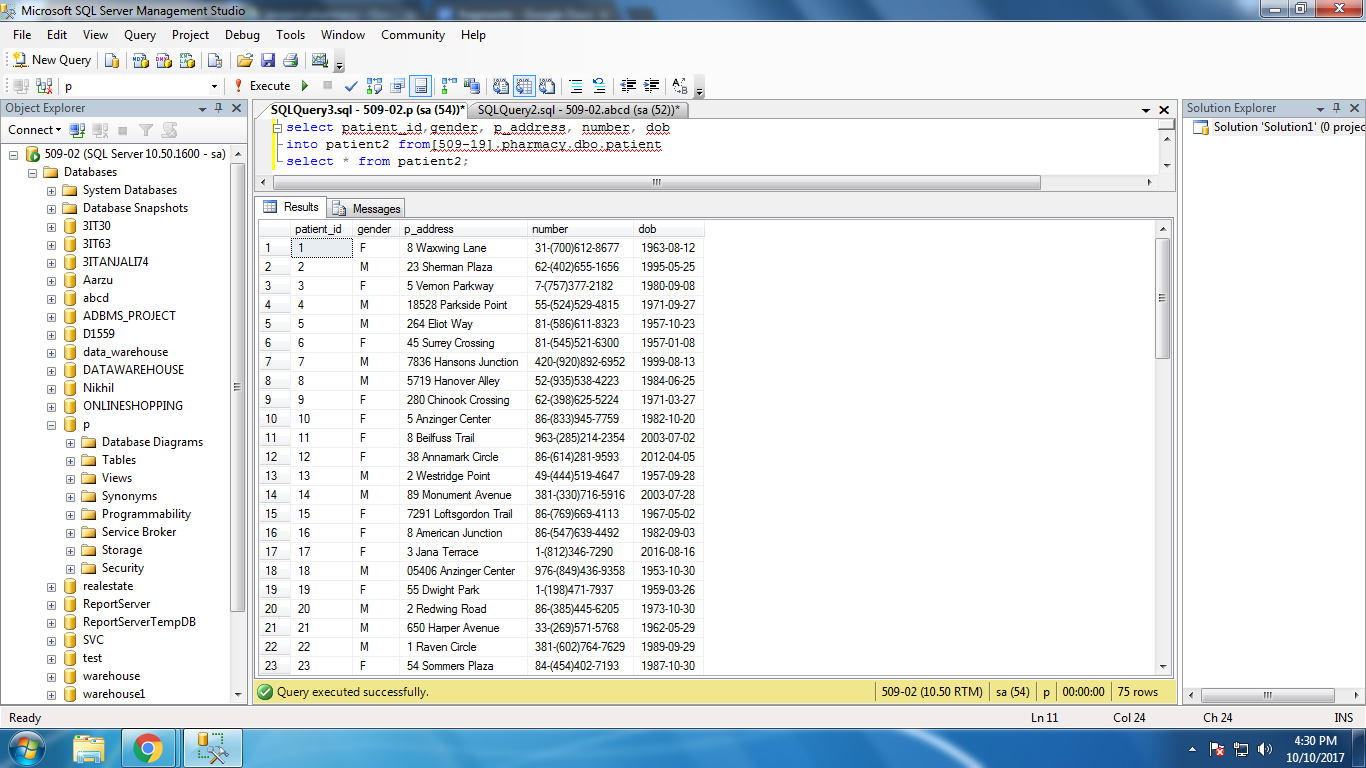


**VERTICAL FRAGMENTATION**

Patient1 (patient\_id,name and age)



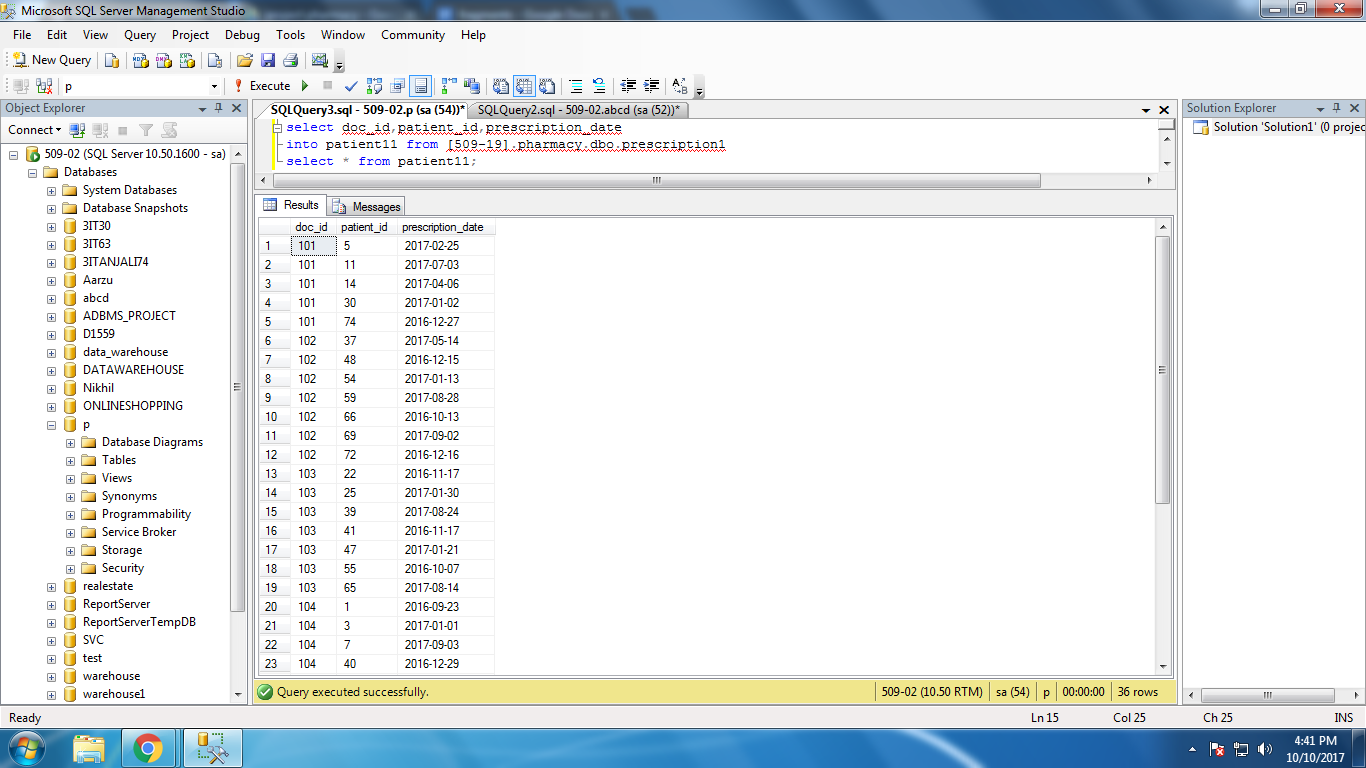
Patient2 (patient\_id,gender,address,number and dob)



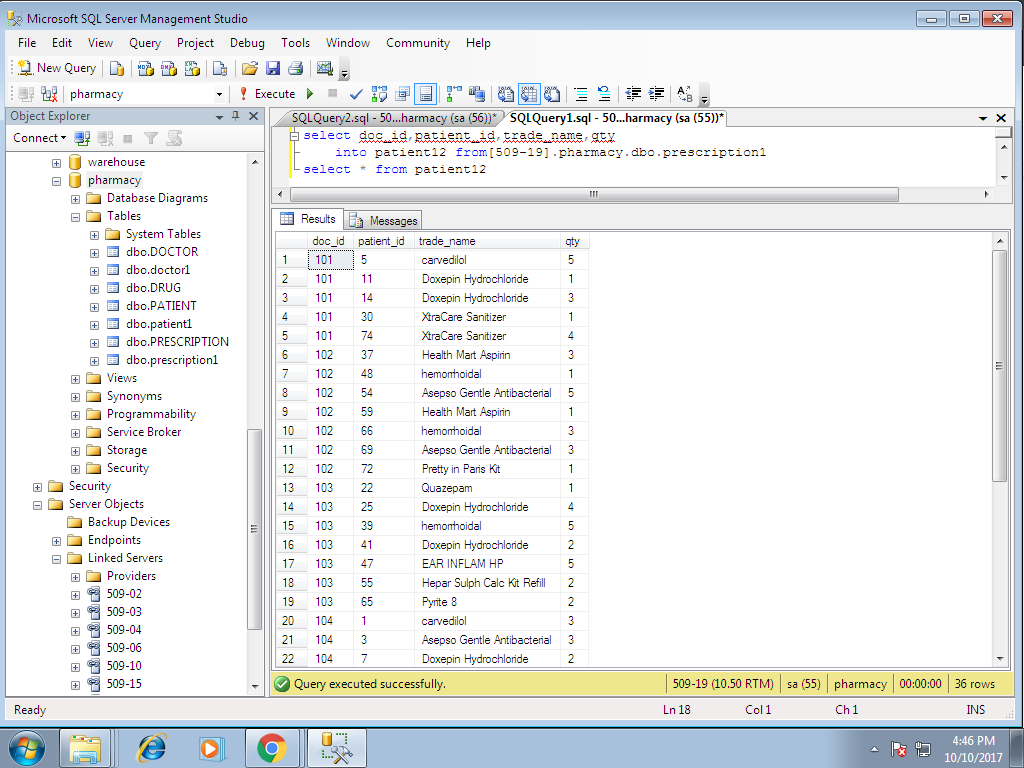
**HYBRID FRAGMENTATION**

Prescription 1 table is fragmented horizontally

Patient11 (patient\_id,doc\_id,prescription\_date)

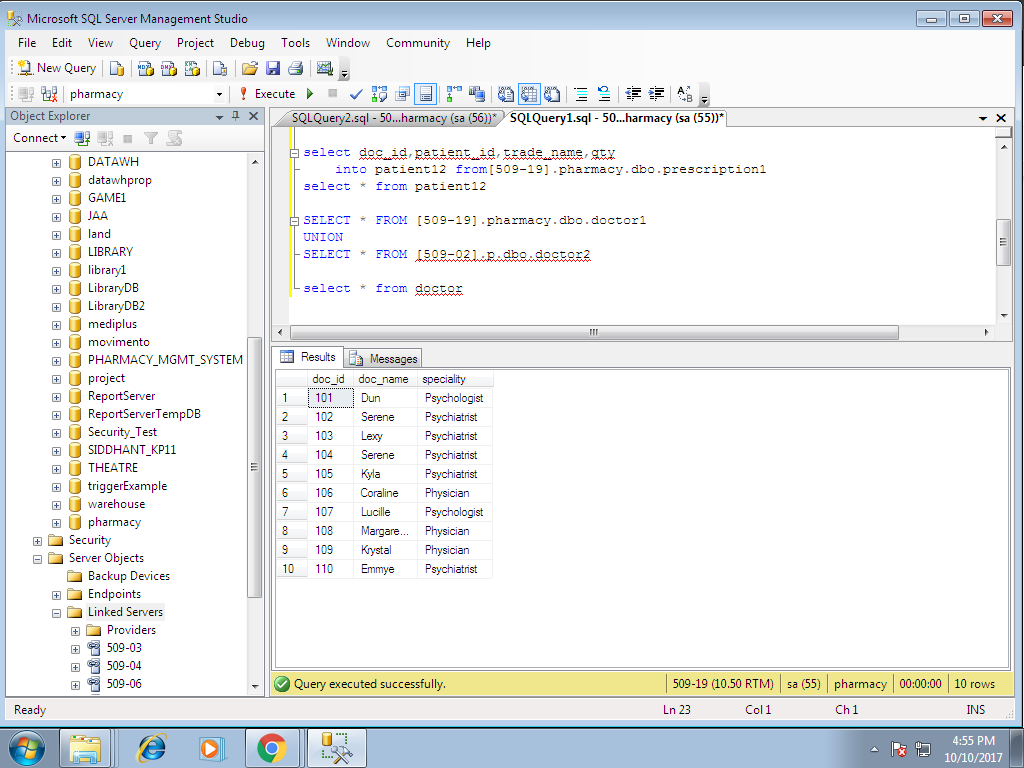
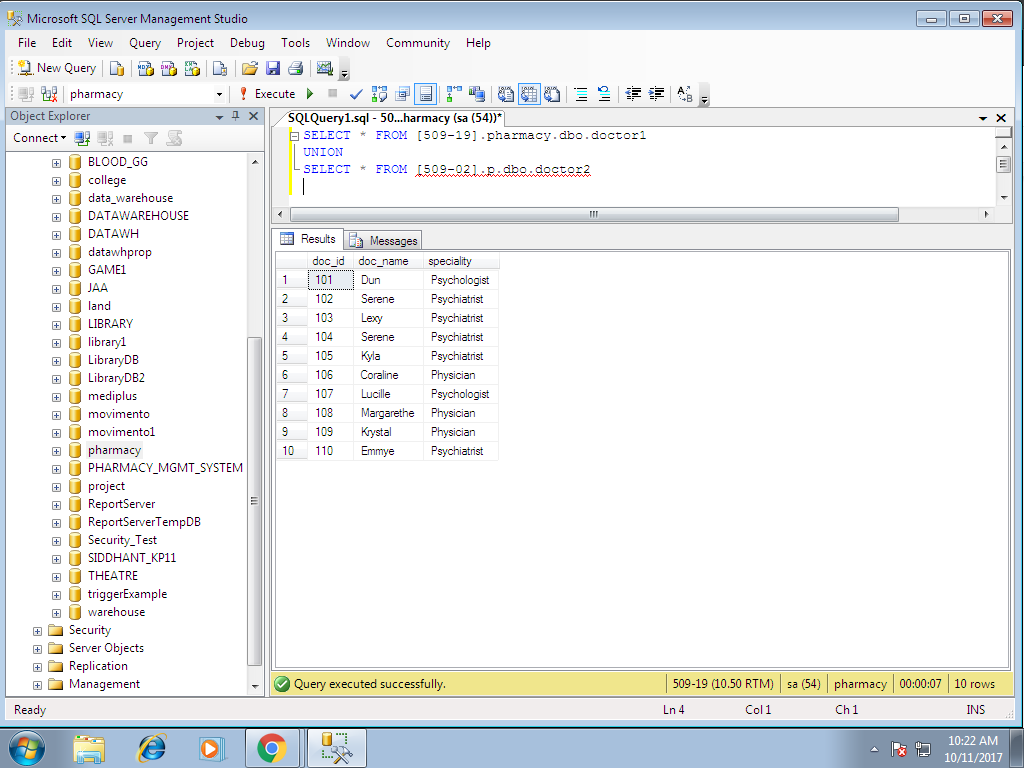


Patient12 (patient\_id,doc\_id,trade\_name and qty)



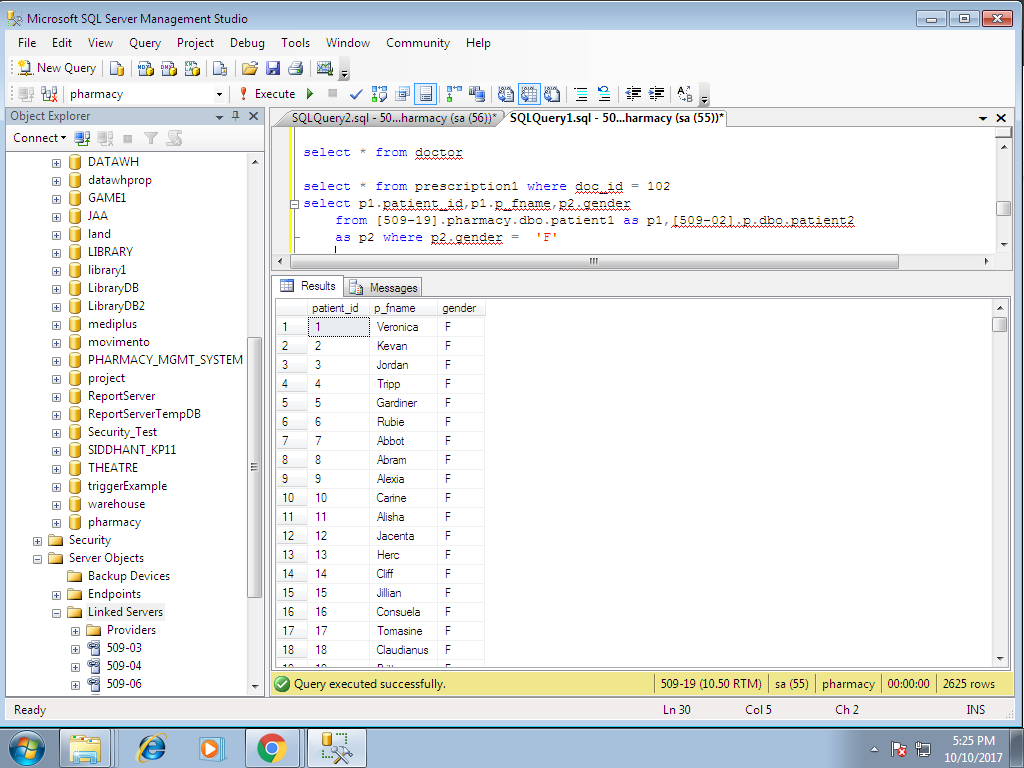
**CORRECTNESS CRITERIA**

**For horizontal Fragmentation**

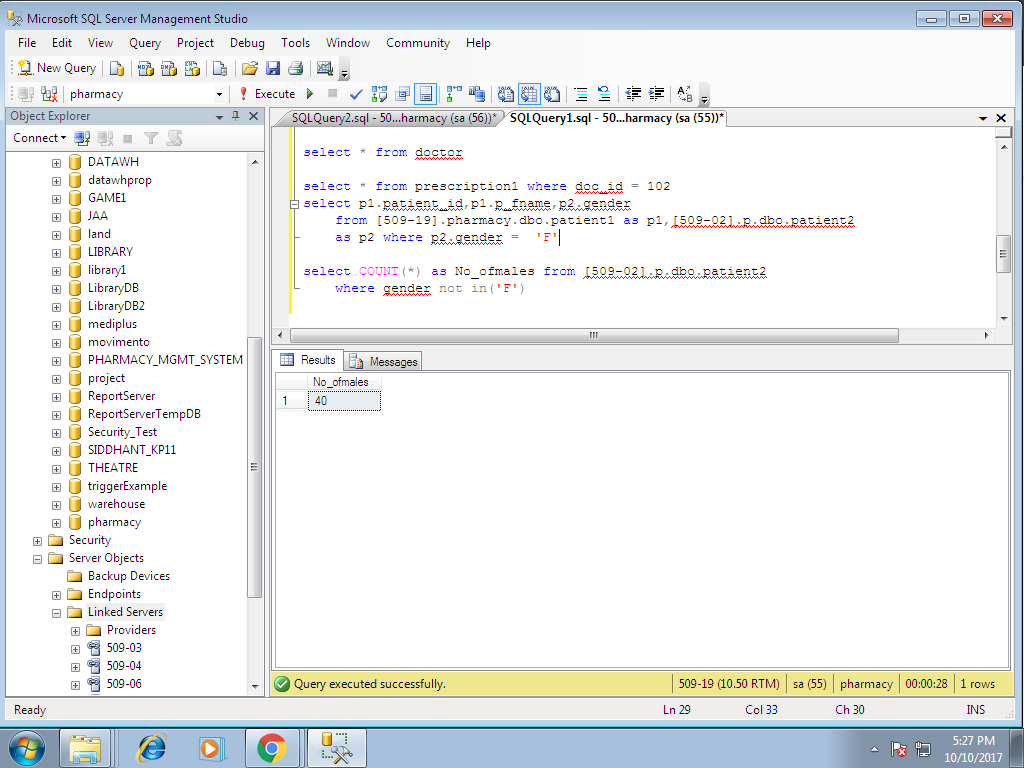
 

**Complex Queries**

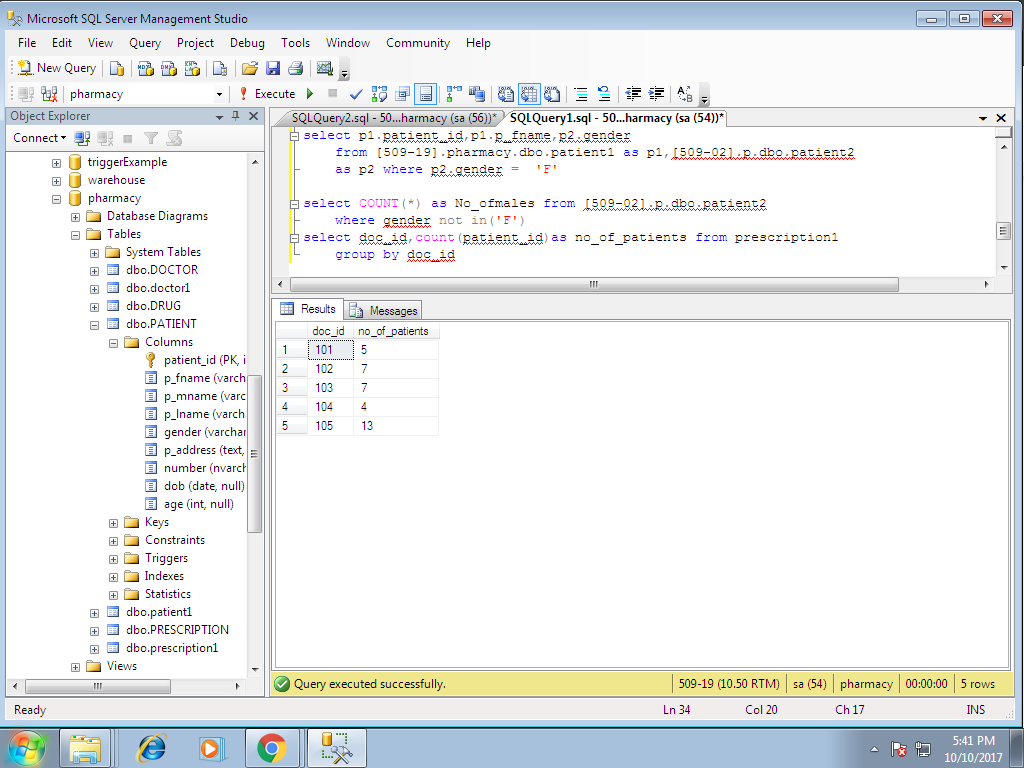
**Names female patients in fragment patient2**



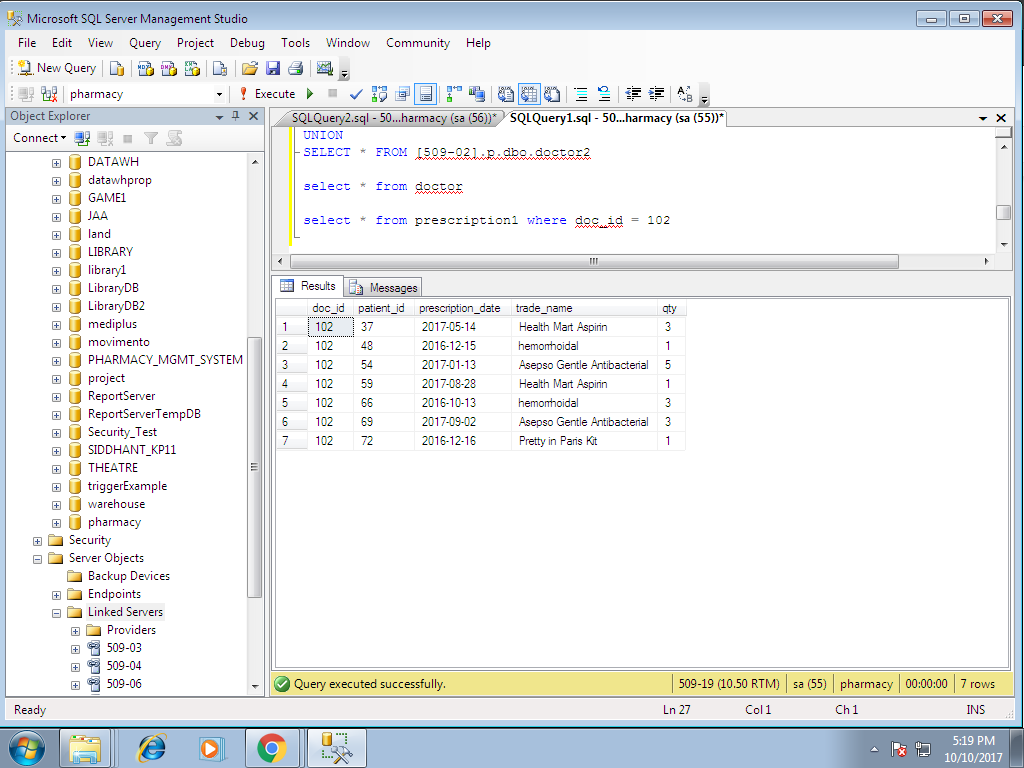
**Count the no.of female patients in fragment patient2**



**Count the no.of of patients attended by doctors in doctor1 fragment.**



**Patients attended by doctor having id 102 in prescription 1 fragment**



**No.of patients consuming drug arthritis pain relief from patient1 fragment\**

