**BẢNG KẾ HOẠCH**

**TOPIC 2: IMPORT DATA BY USING TALEND**

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**Mô tả công việc:**

Dùng Talend để Import, Update Data từ file CSV sang SQL Sever và Export Data từ SQL sang file CSV

**Chức Năng đã làm được:**

* Đọc file CSV trên Talend
* Import data from file CSV to file CSV
* Import data from file CSV to SQL Sever (thêm hàm tính toán: tính điểm trung bình của sinh viên:

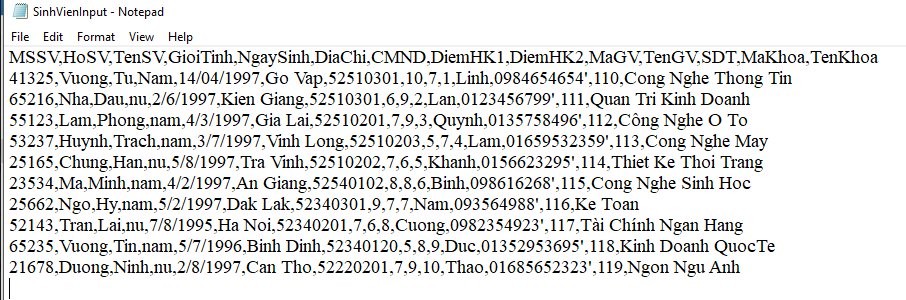
+ Import vào Database (SQL Sever) chưa tạo bảng

+ Import vào Database (SQL Sever) đã có bảng sẵn

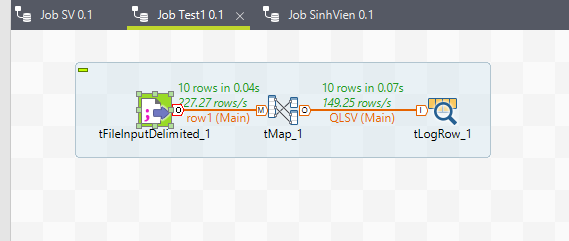
* Export data from SQL Sever to file CSV

**Chi Tiết:**

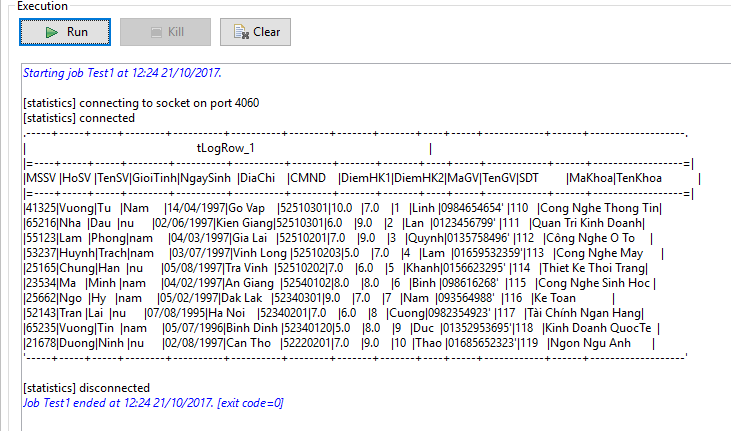
Từ file CSV đã tạo



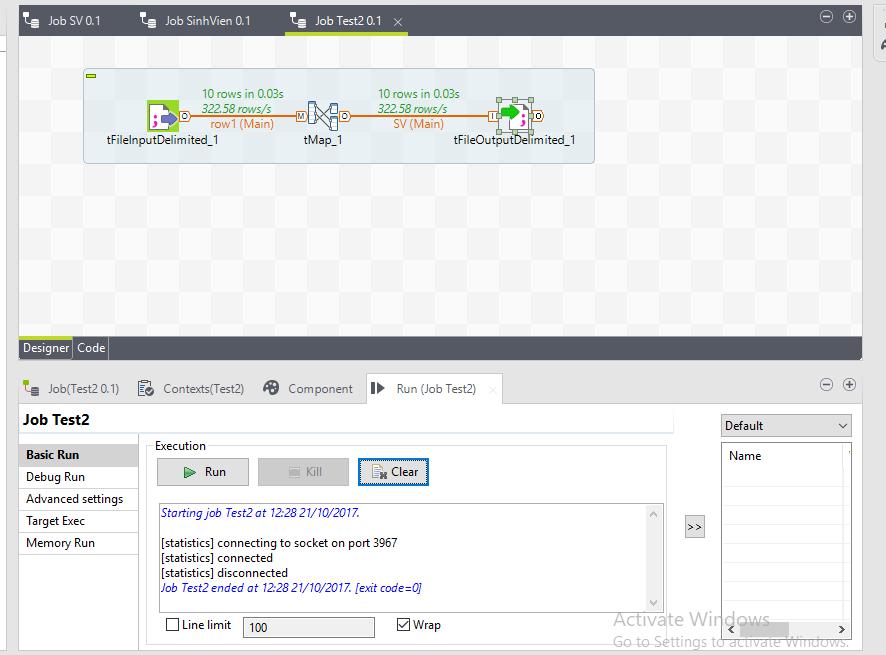
1. Đọc file CSV trên Talend:



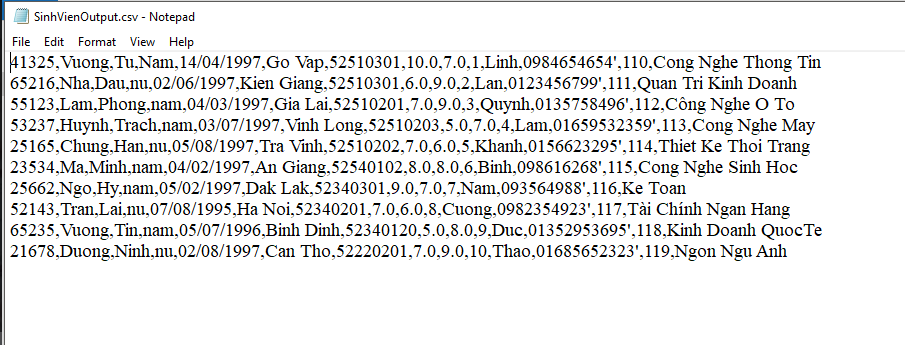
* Kết Quả:



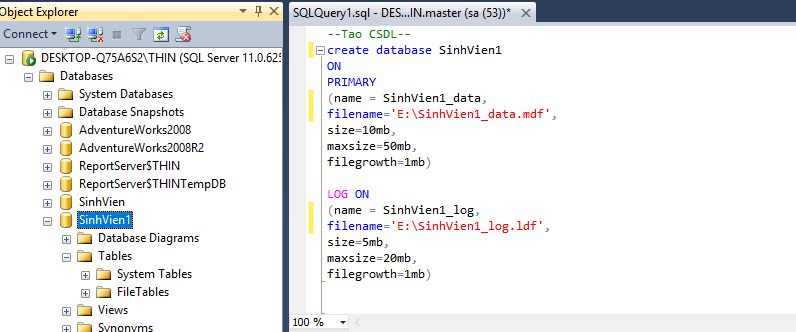
1. Import data from file CSV to file CSV:

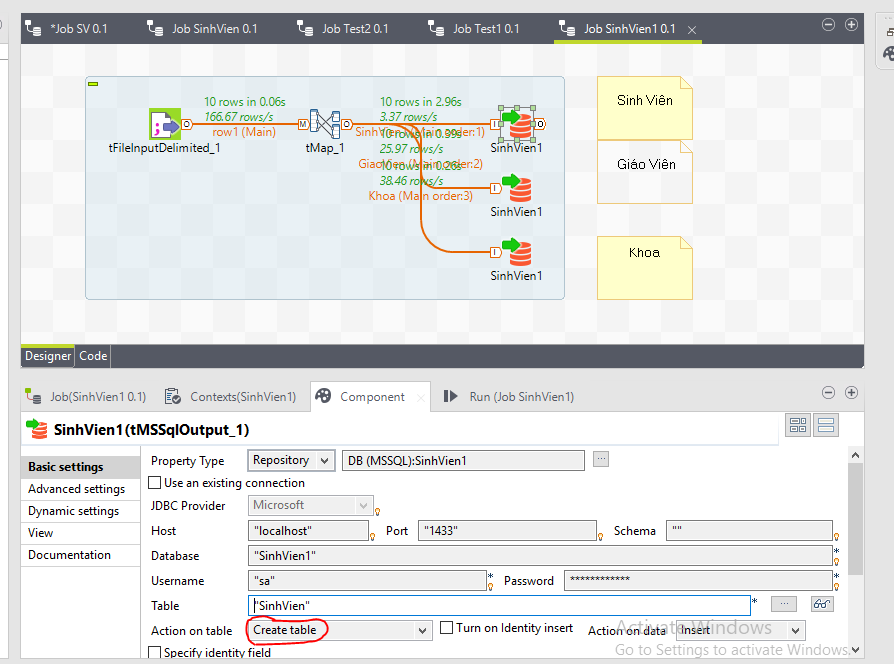


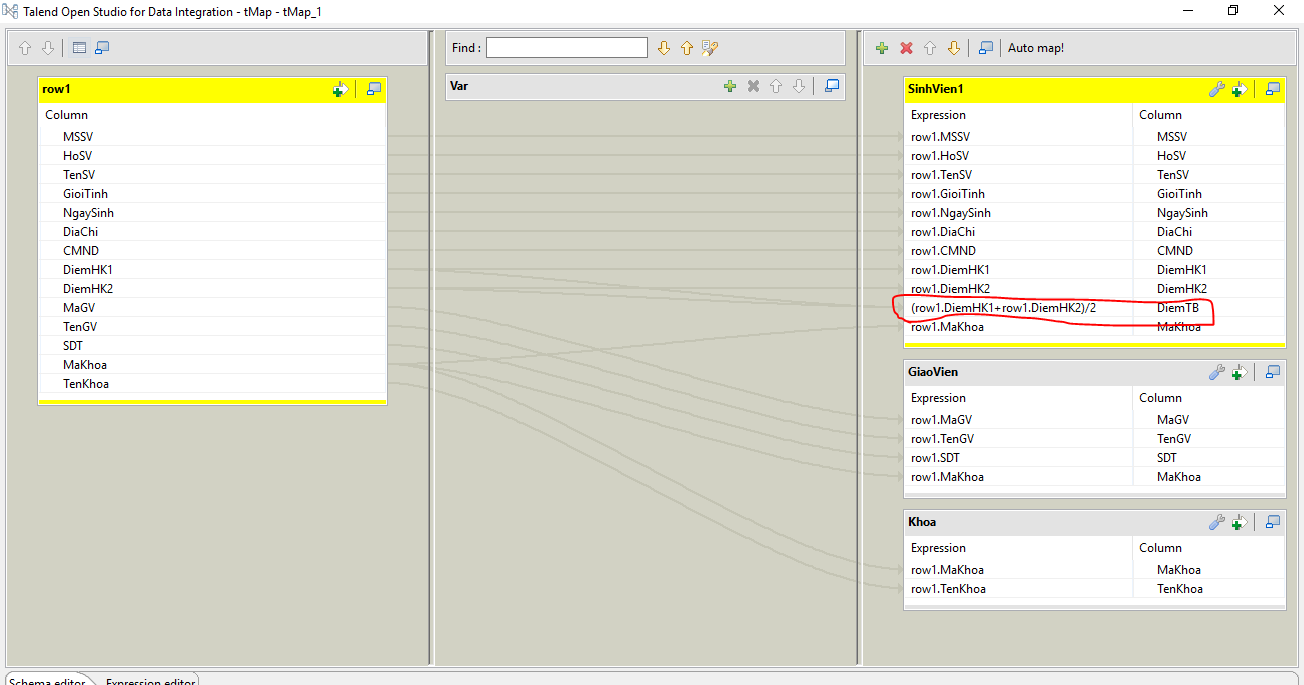
* Kết Quả file đã được import



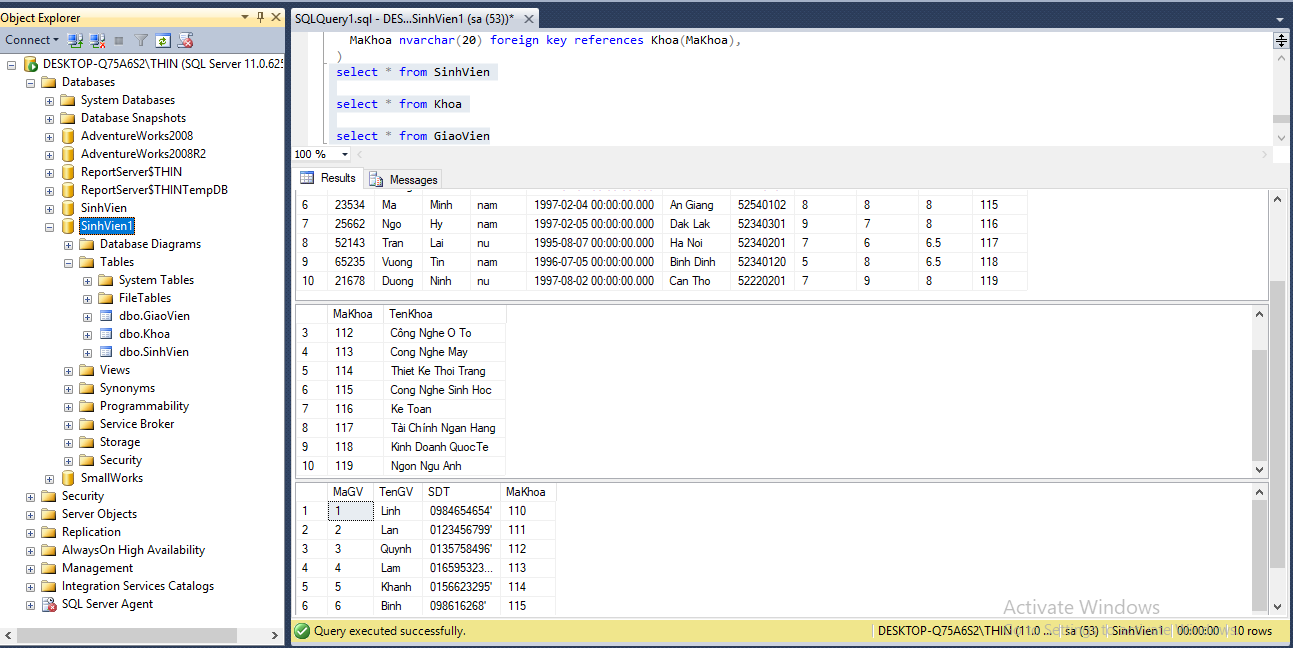
1. Import data from file CSV to SQL Sever (thêm hàm tính toán: tính điểm trung bình của sinh viên:
   1. Chưa có bảng sẵn:



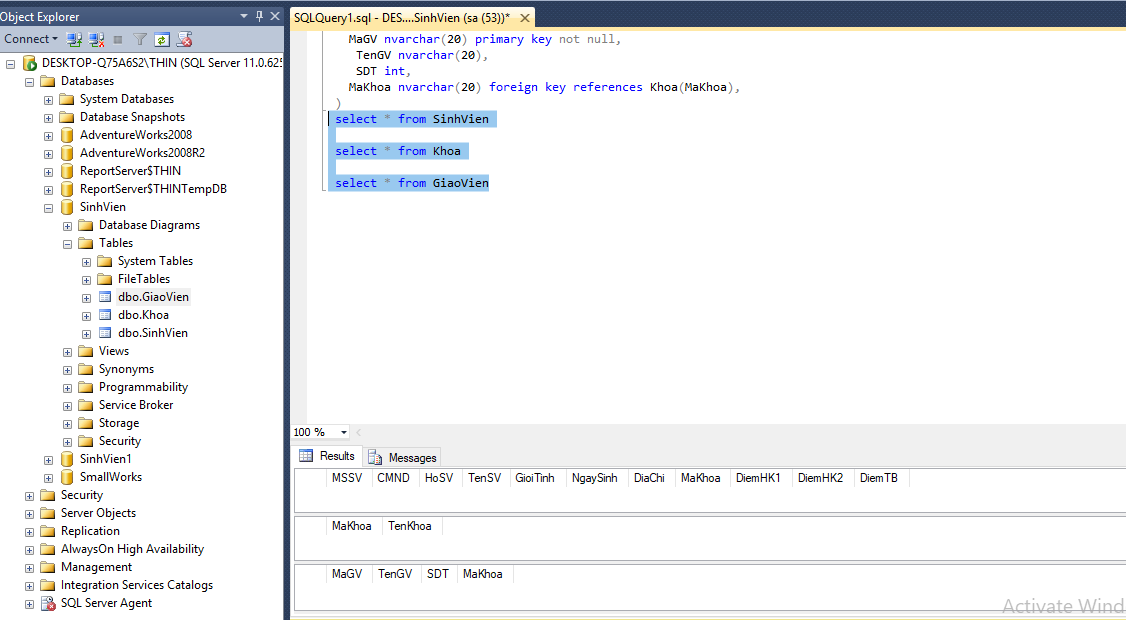


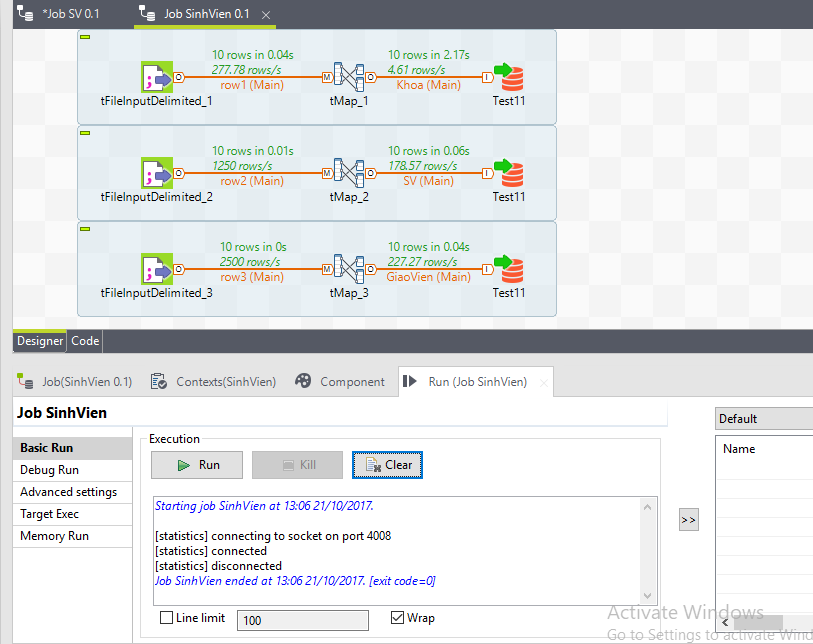


* Kết Quả

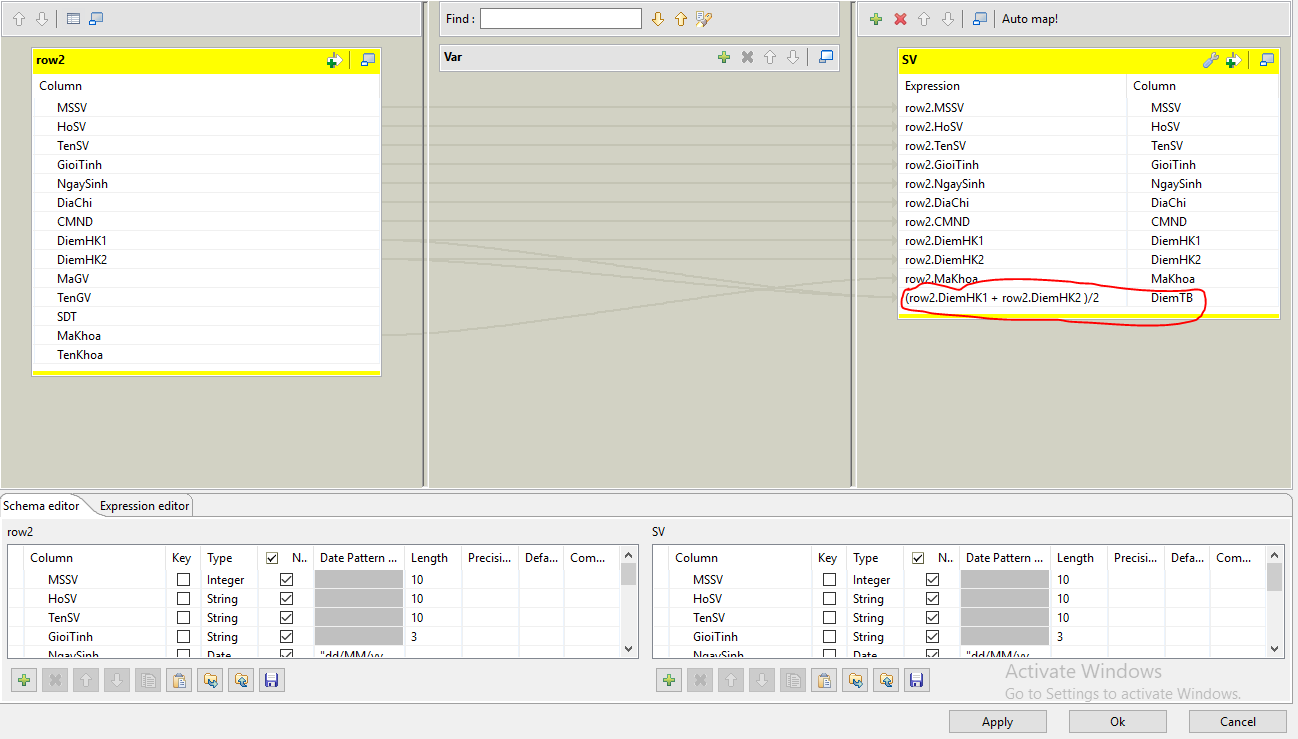


3.2 Có bảng sẵn:

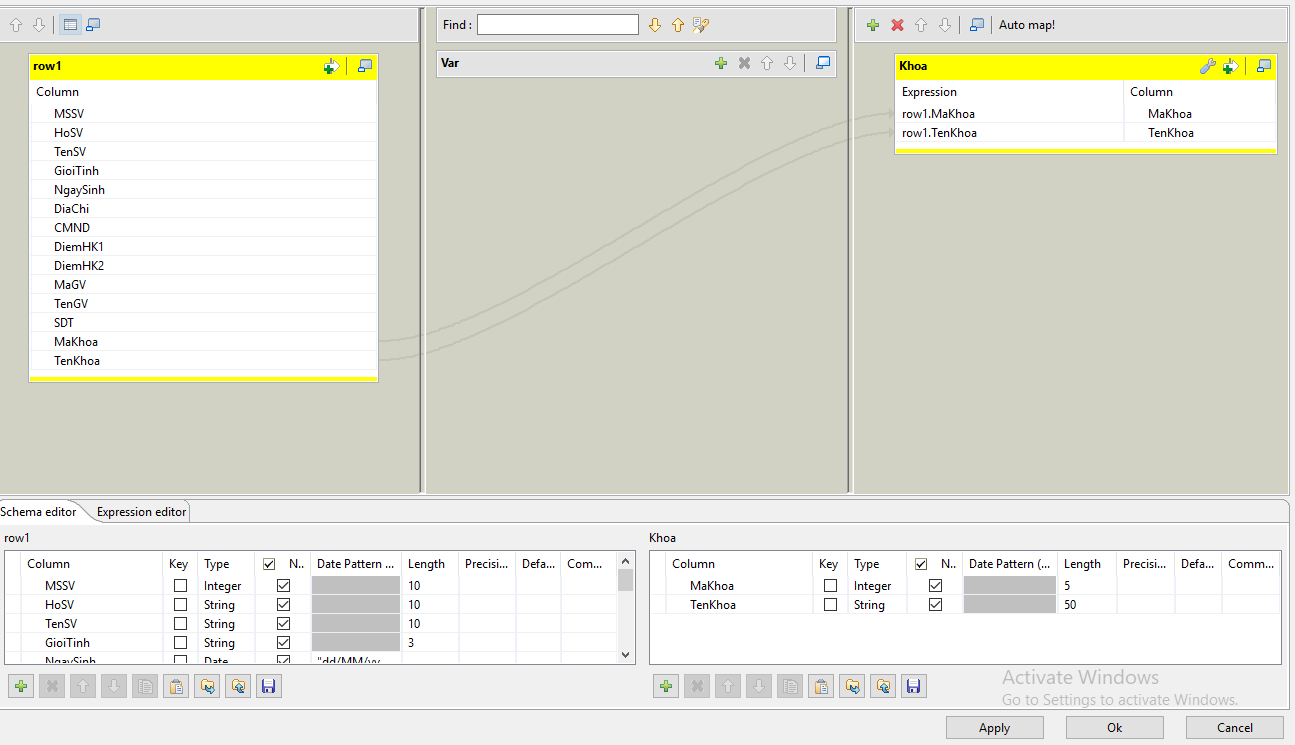




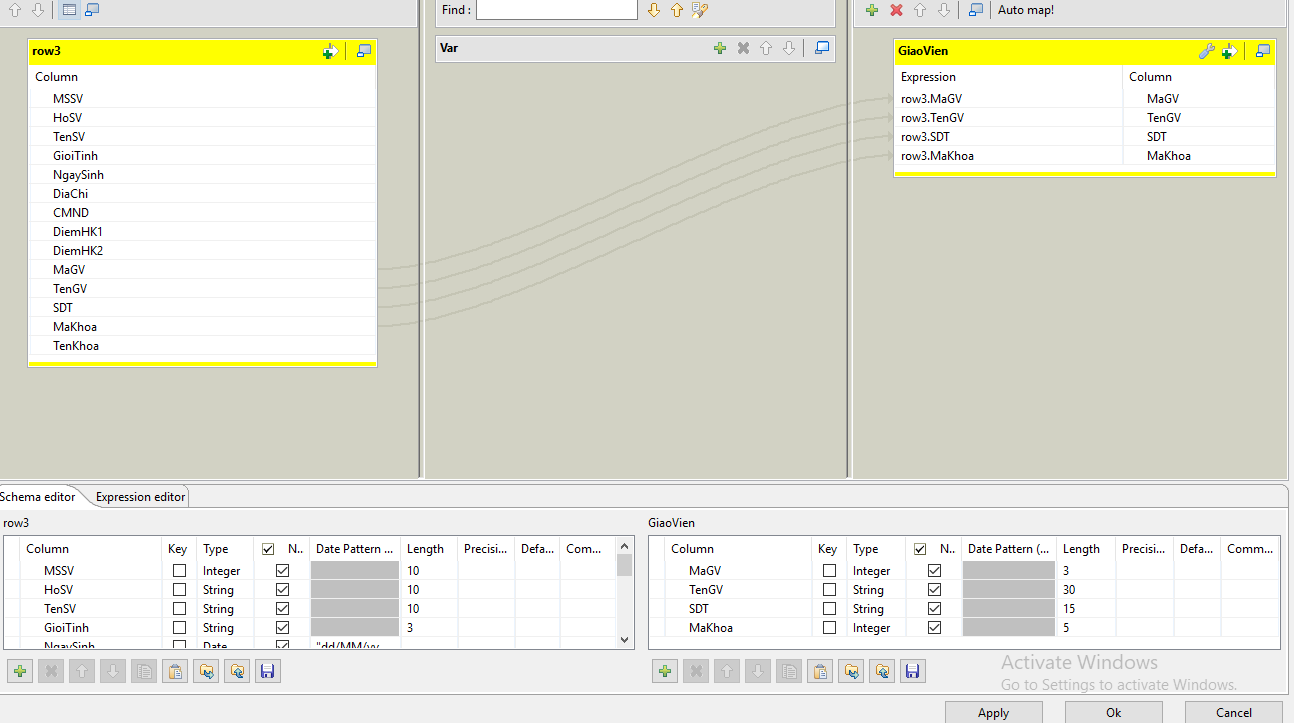
Sinh Viên

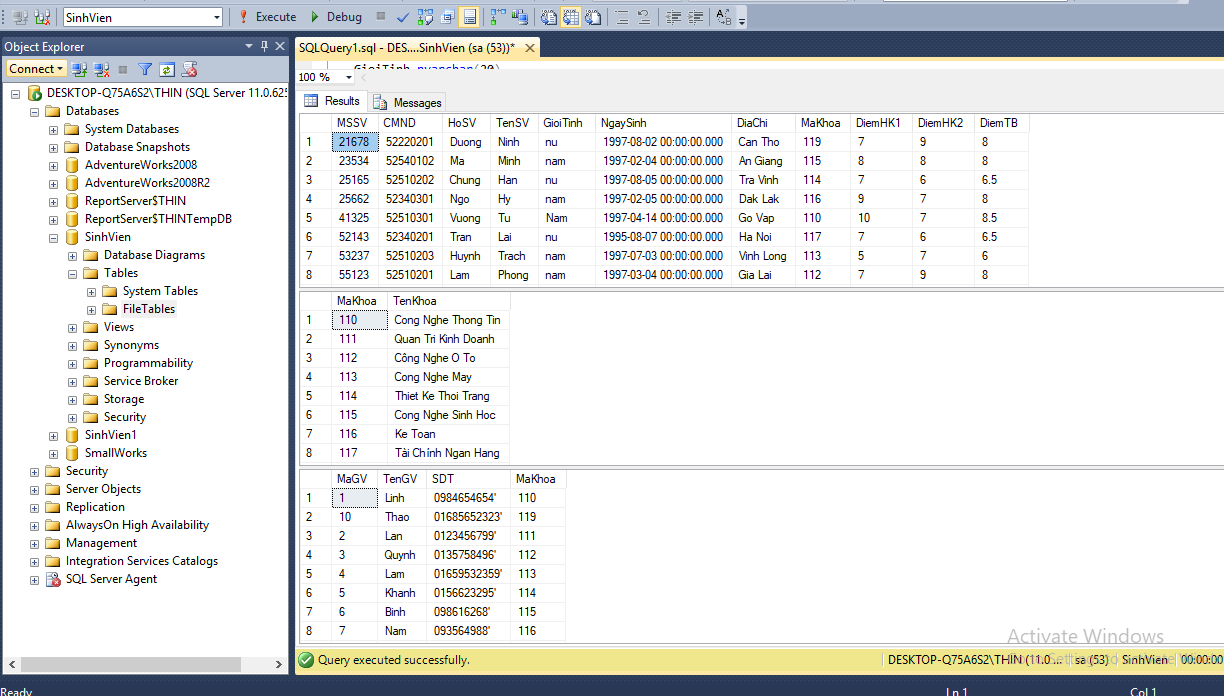


Khoa

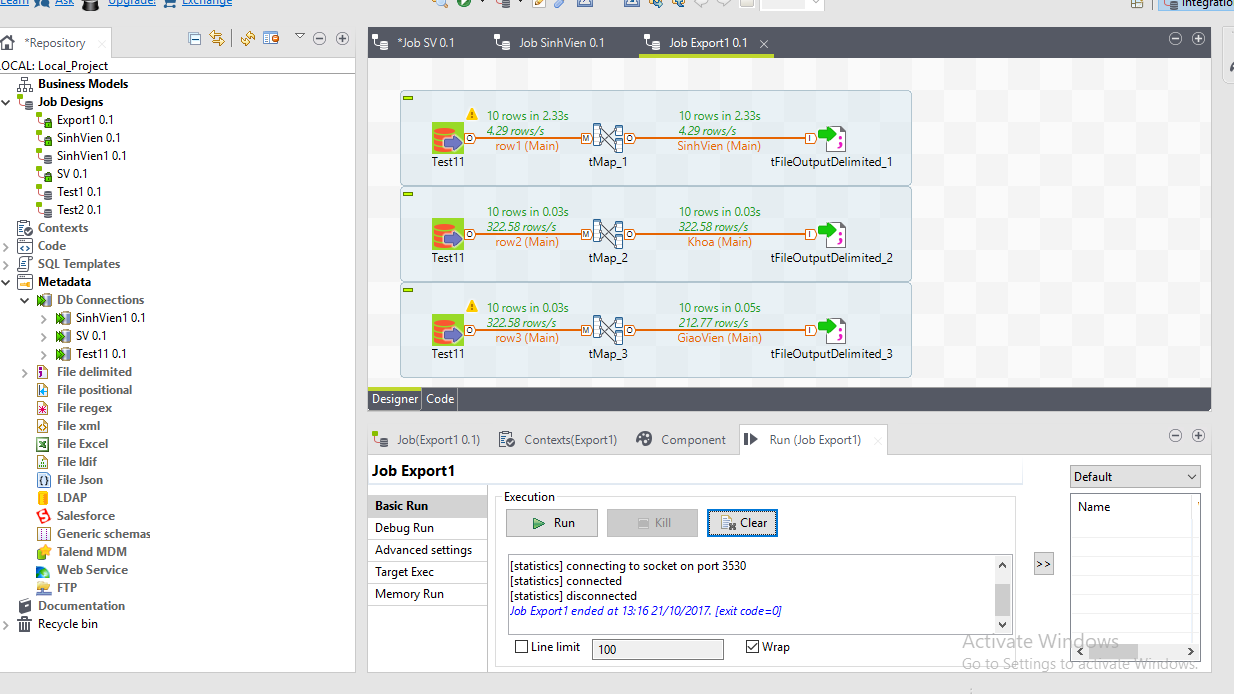


Giáo Viên

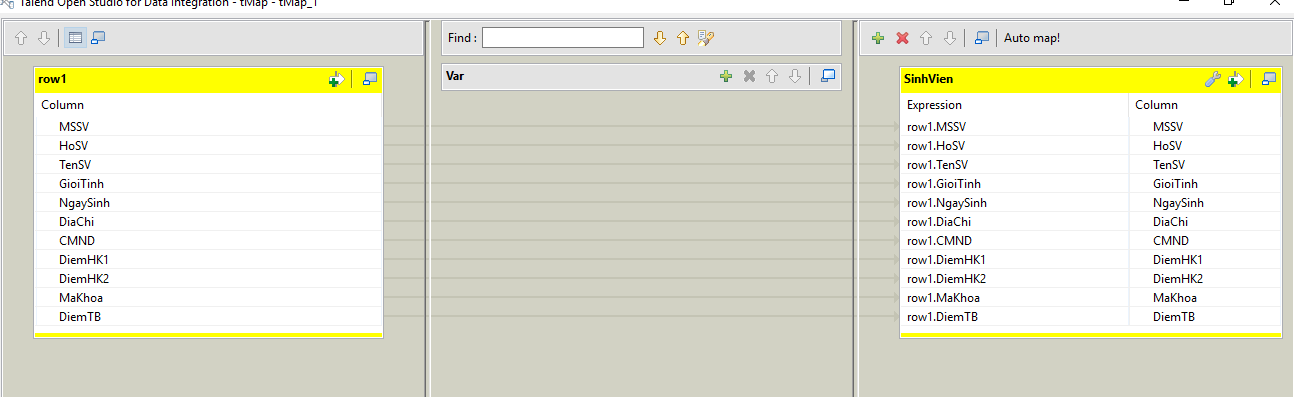




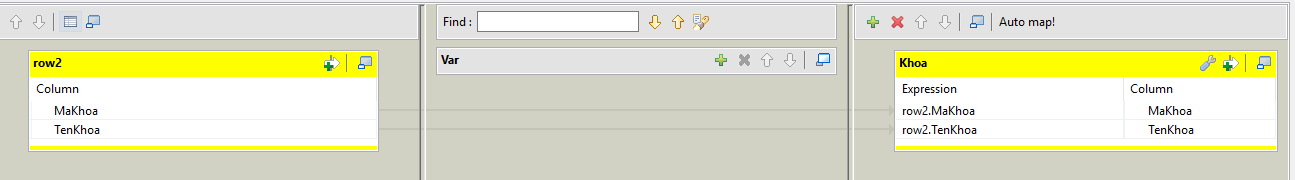
1. Export data from SQL Sever to file CSV:



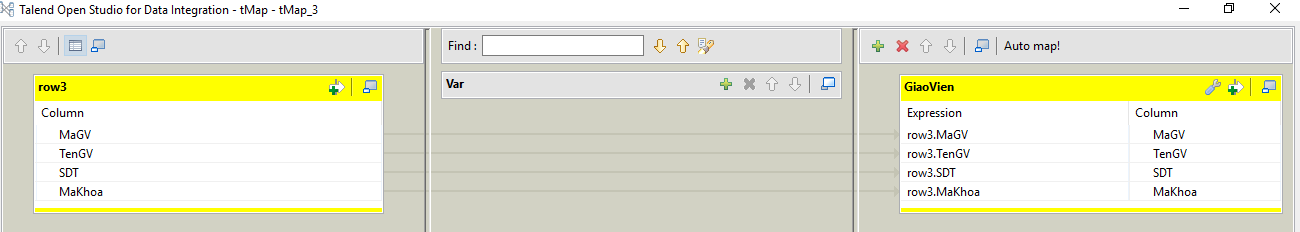
Sinh Viên



Khoa



Giáo Viên



Kết Quả:

