Creating the Programming Environments Database
Programming Environments
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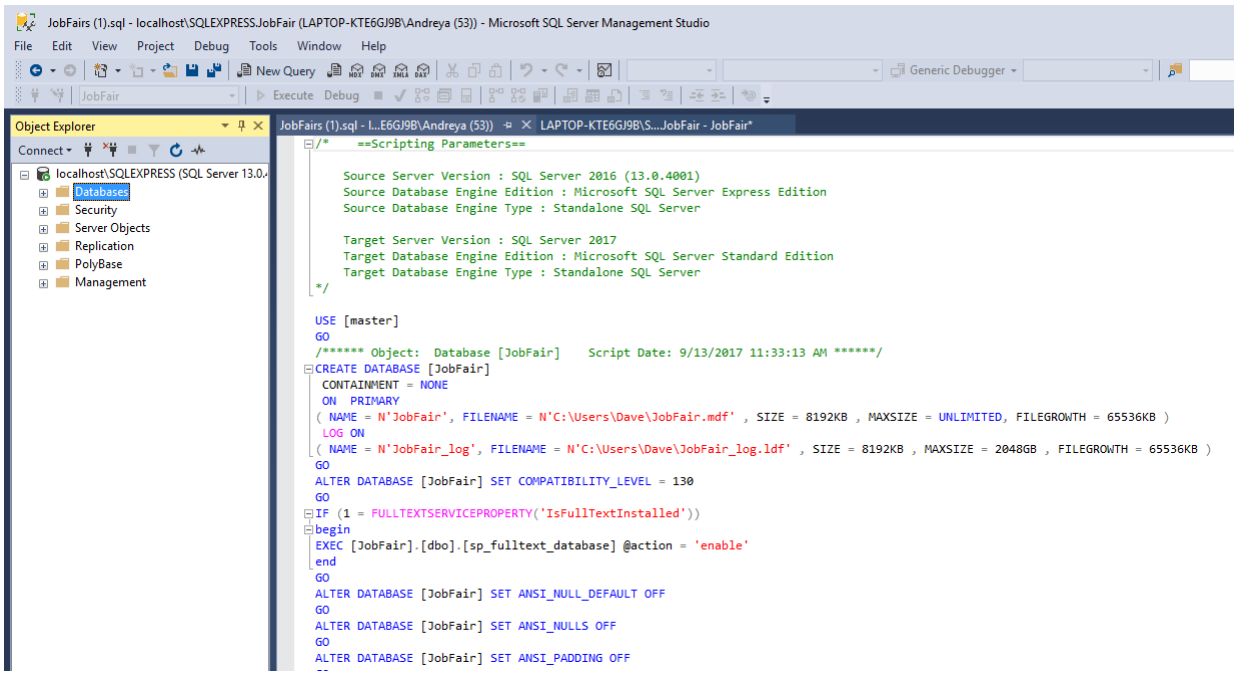
Introduction

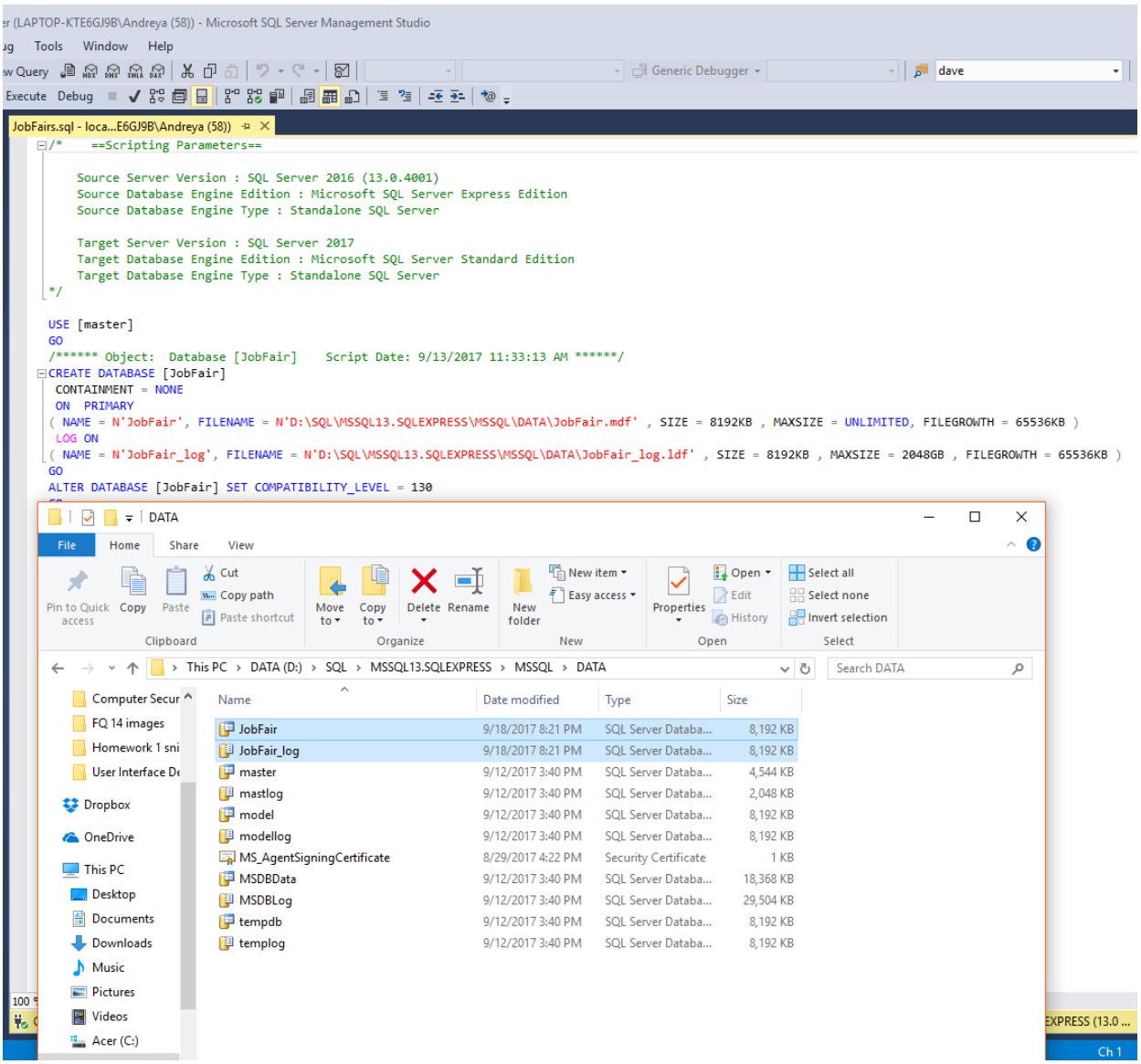
Professor Retterer provided the class with a .sql file meant to generate the JobFair database that will be used for the Programming Environments project. The purpose of this assignment is to ensure that each student created their own copy of the database to ensure that we could do the required work for the remainder of the term.

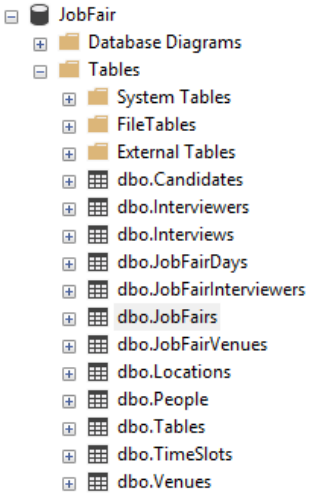
Creating the Database

I started by downloading the .sql file from Moodle. I opened SSMS, connected to my laptop's server, and opened the file in SSMS. The file opened in SSMS is shown below.



Next, I created the JobFair database that the .sql file would fill in. I searched through the File Explorer until I found the .mdf and .ldf files that were generated when I created the database. I copied the file paths for those files and replaced the original FILENAME strings in the .sql file with the correct paths local to my laptop. This is shown in the image on the next page.





Finally, I clicked the Execute button in the top left corner of the screen. This created the tables belonging to the JobFair database. In the image to the left, the JobFair database's tables are shown in the Object Explorer pane.

Additional Steps

In class, we discussed that the Venues table shouldn't have a JobFairID column, and that the JobFairs table shouldn't have a VenueID column. I edited the Venues and JobFairs tables to reflect this change. Once this edit was complete, as shown below, the database was ready to be populated by my app.