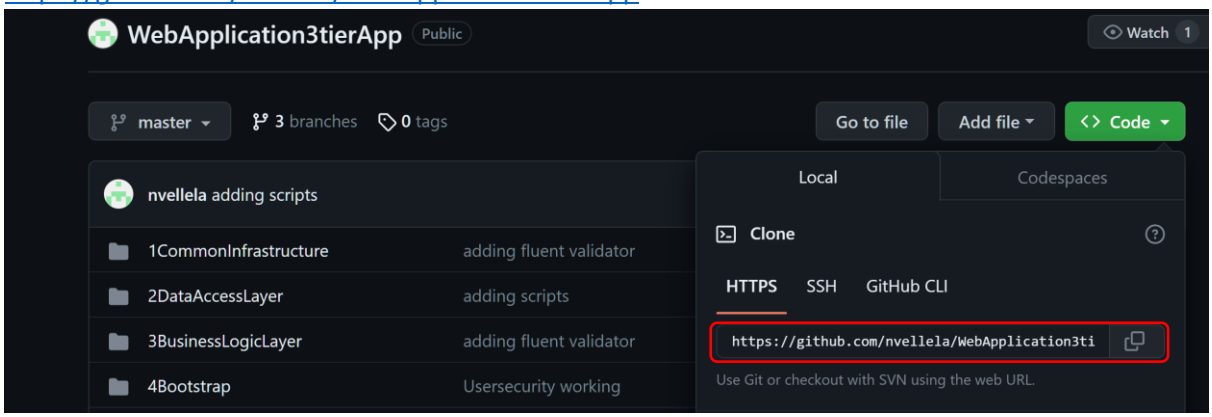
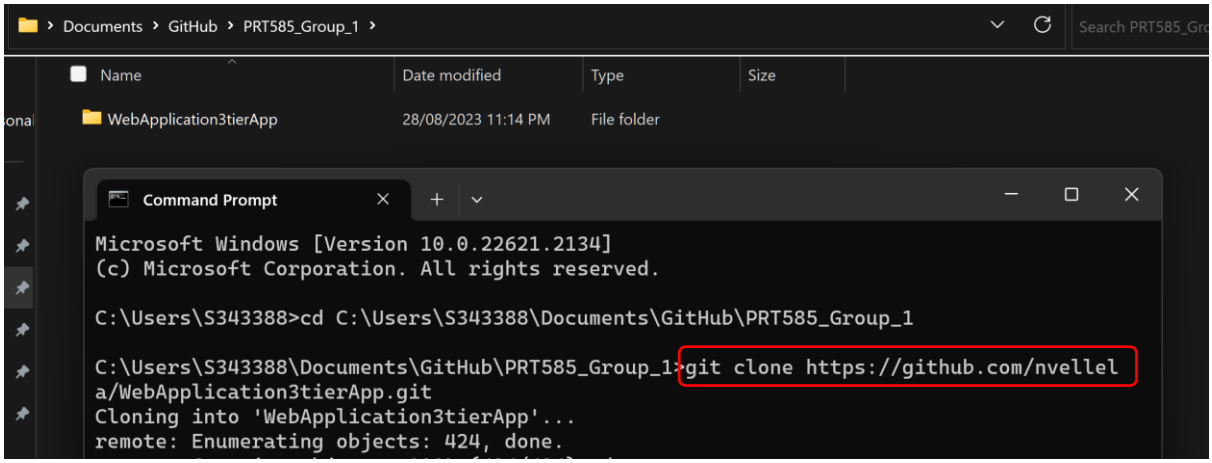
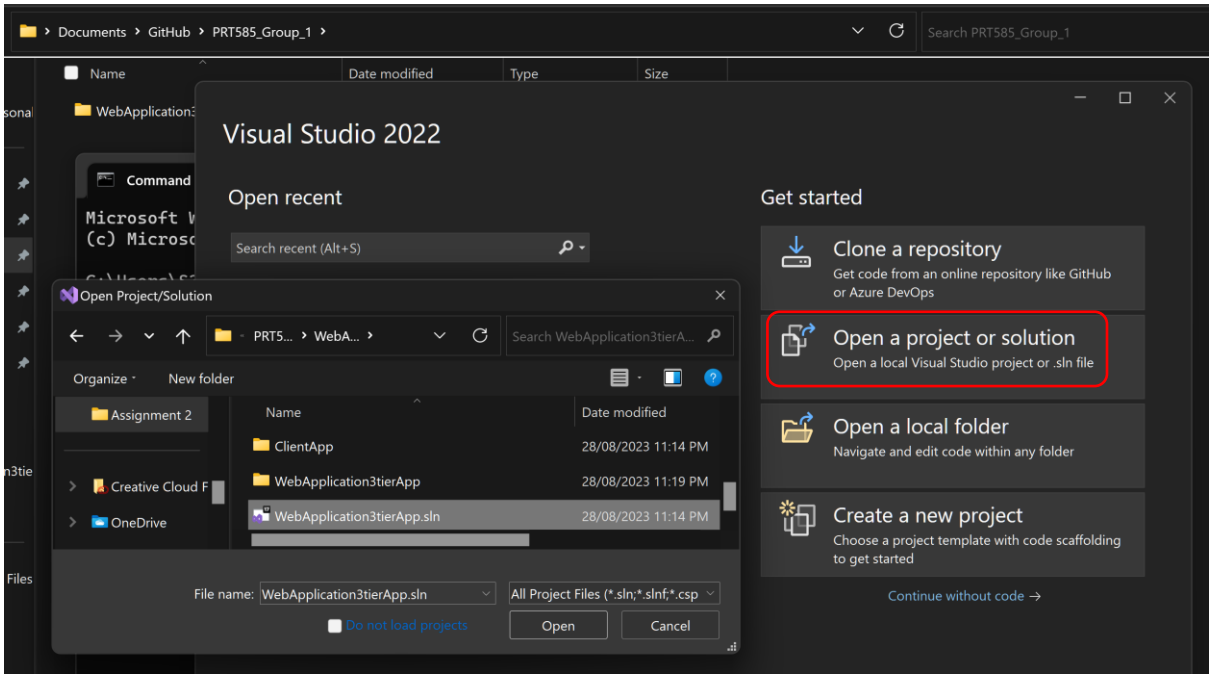
Run 3-Tier Web Application

1. Clone the repository.
   https://github.com/nvellela/WebApplication3tierApp

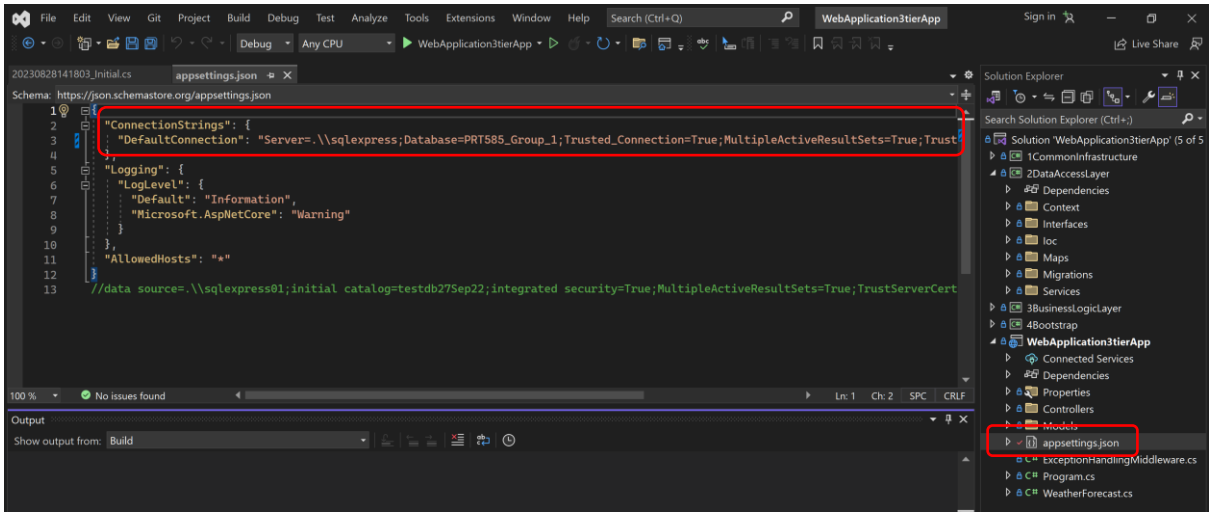


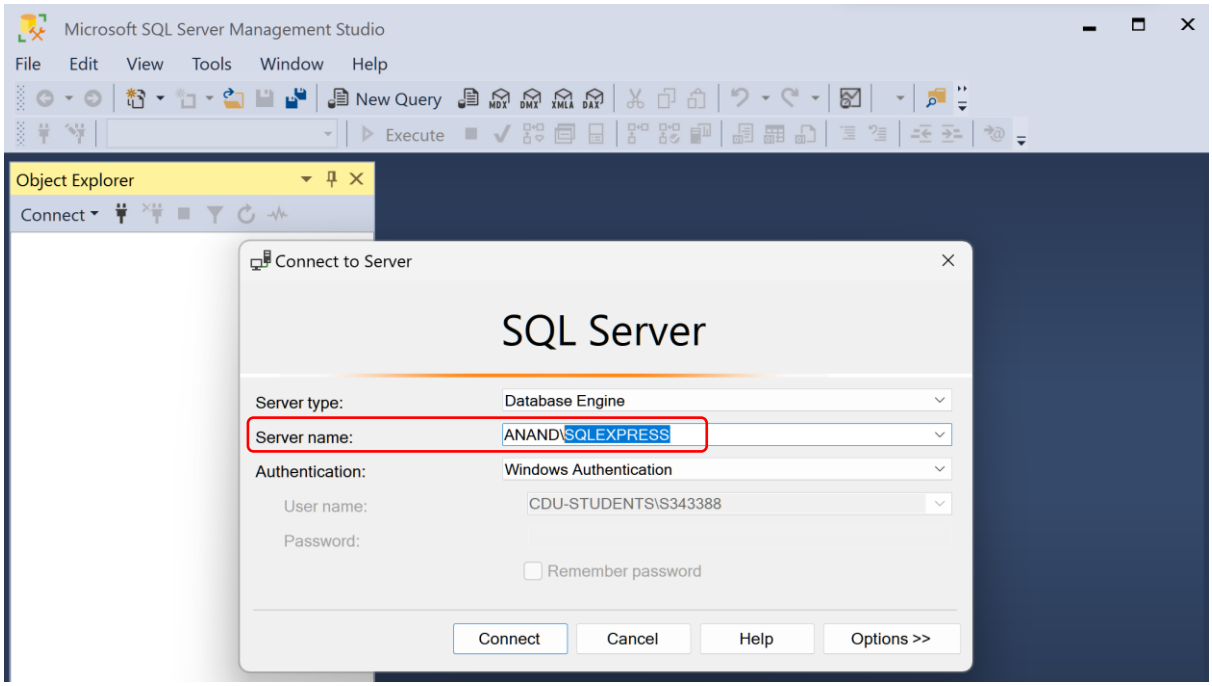


2. Open Visual Studio and open the 3-Tier Web Application project.

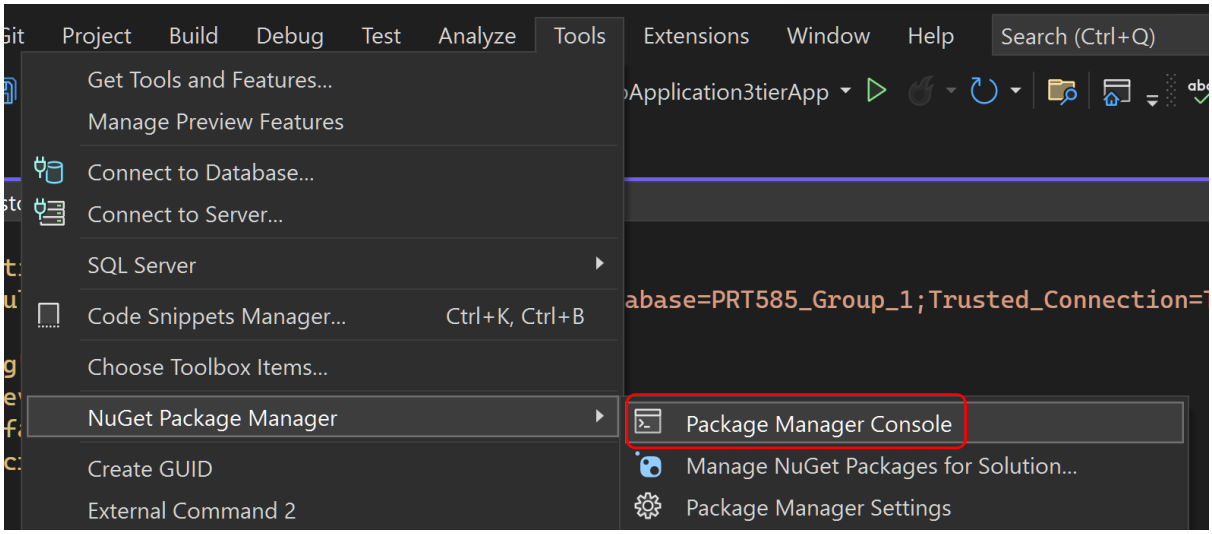


3. Open “**appsettings.json**” and update the connection string.
   - The server’s name in the connection string should match the SQL server name.
   - Update the database name. For example, PRT585_Group _1

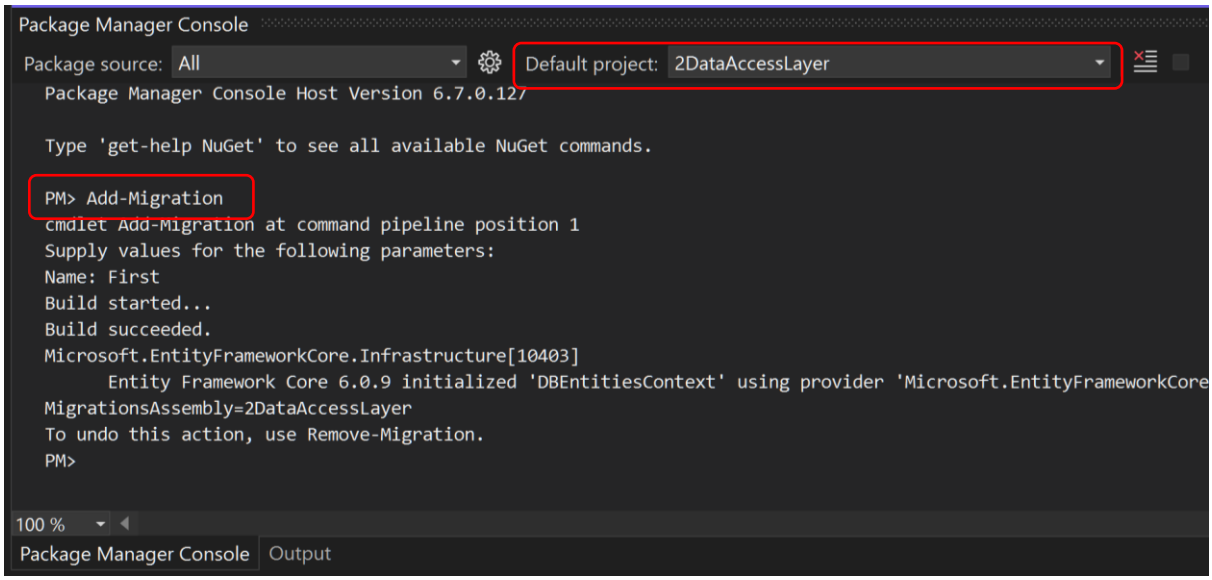




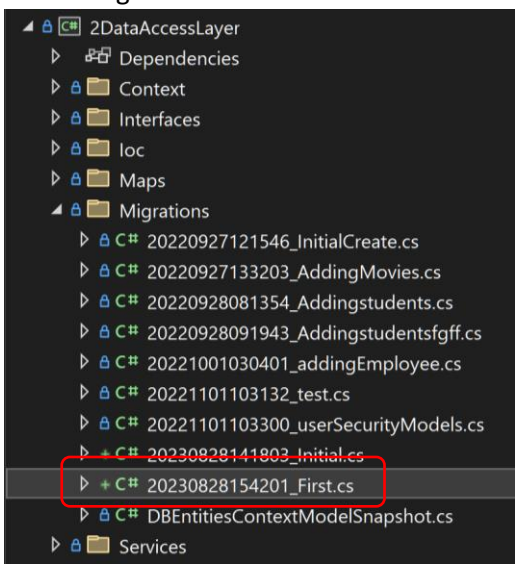
4. Go to Tools > NuGet Package Manager > **Package Manager Console**



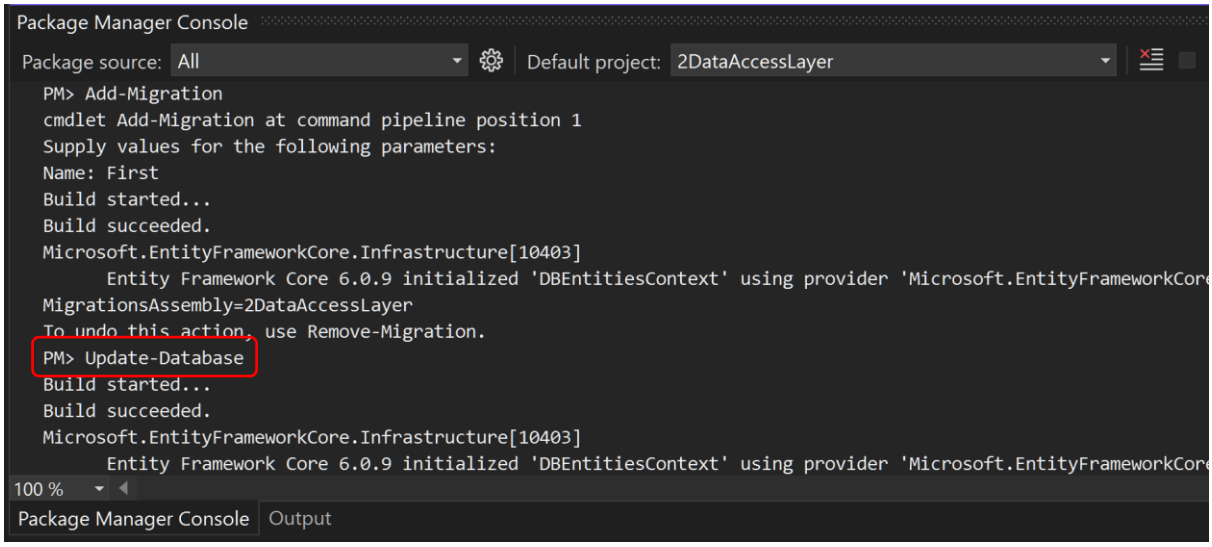
5. Add a new migration using the syntax "**Add-Migration**" in the Data Access Layer (DAL).



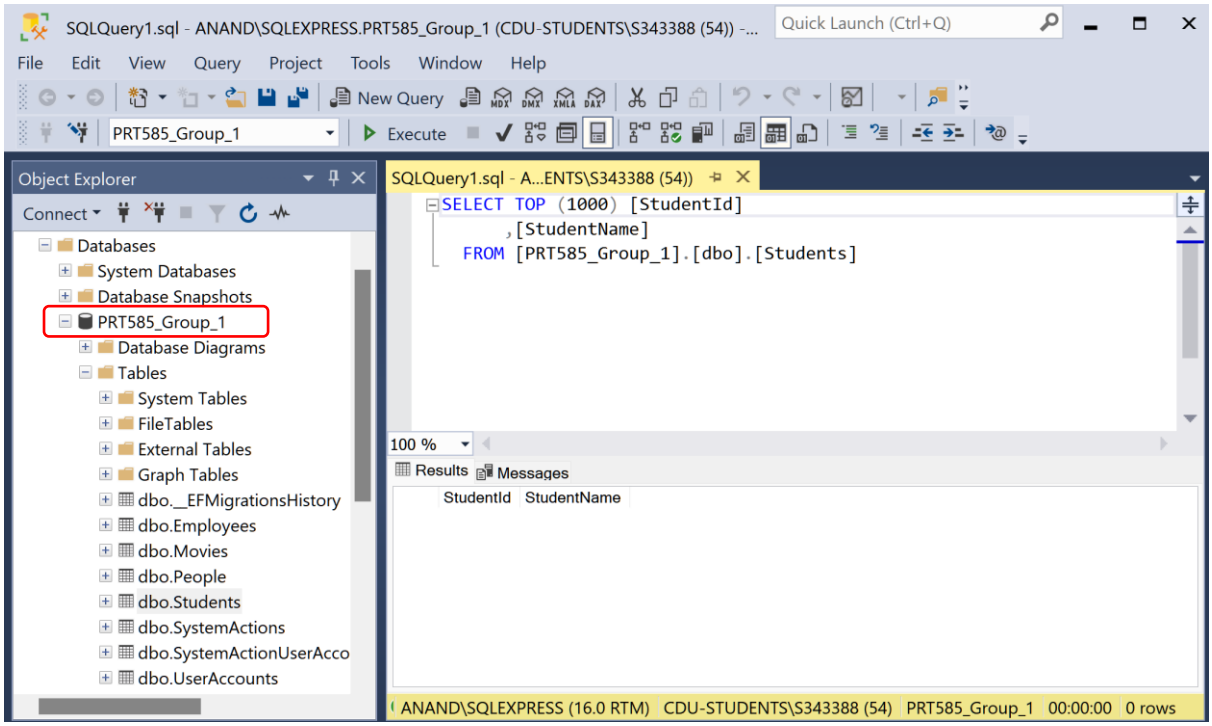
A new migration is added.



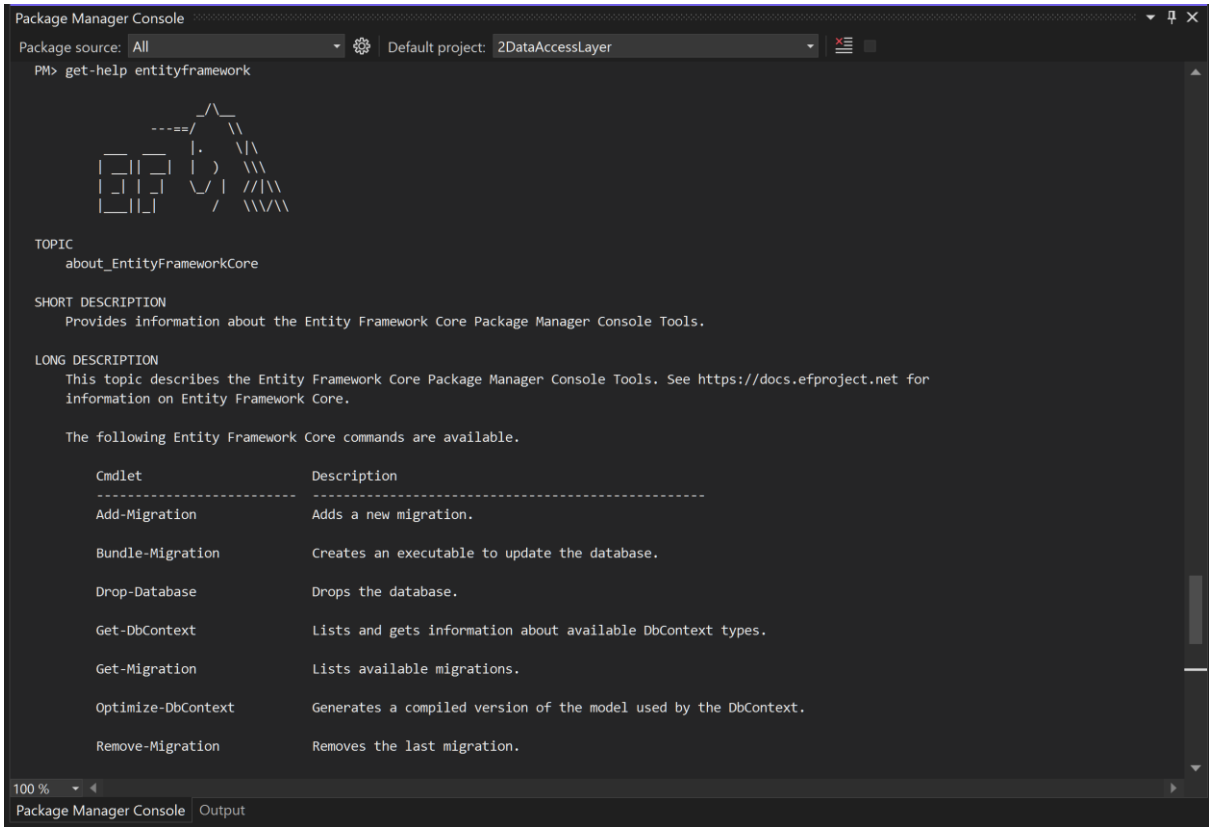
6. Use the syntax “**Update-Database**” to update the database in the SQL server.



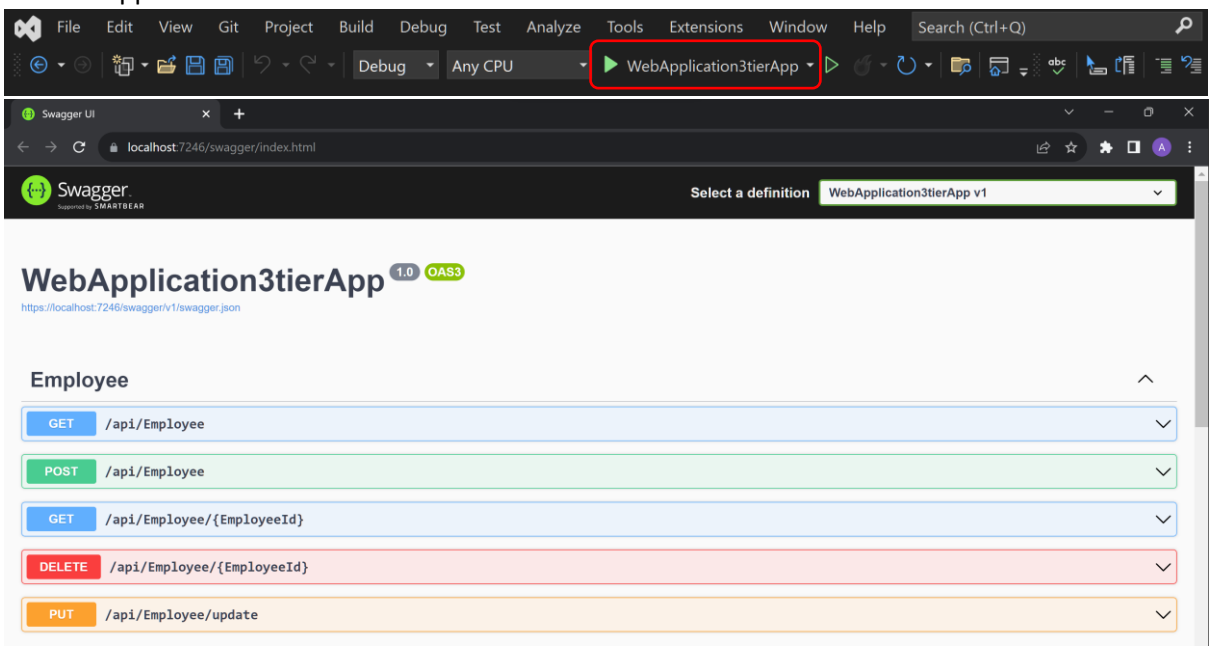
This will update the database to the specified migration.



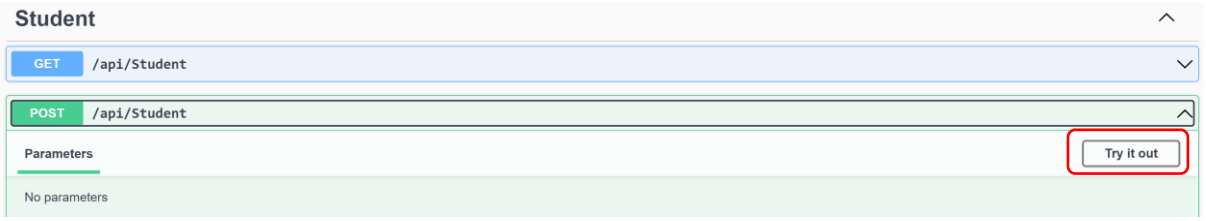
7. Use the syntax "**get-help entityframework**" to see other commands to see Package Manager Console (PMC) commands for migration.
   - Use the syntax "**Remove-Migration**" to delete the last migration.
   - Use the syntax "**Drop-Database**" to delete the database.



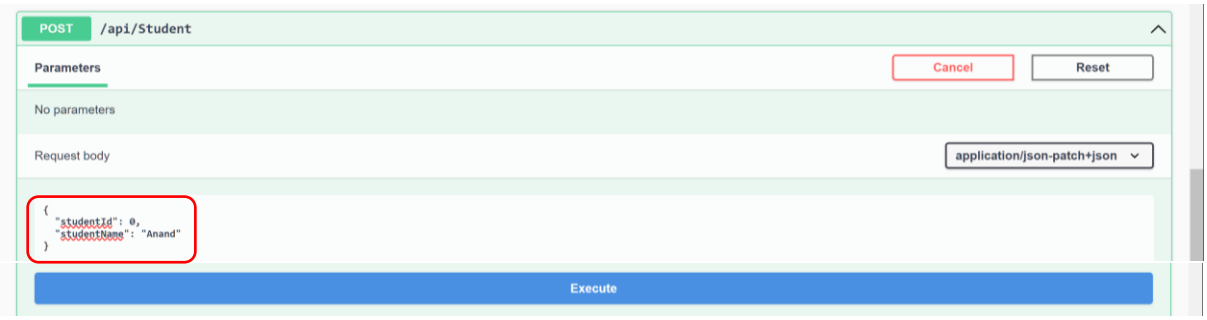
8. Run the app.



9. Make a request.
   - Expand the **POST Student** endpoint.
   - Click **Try it out**.

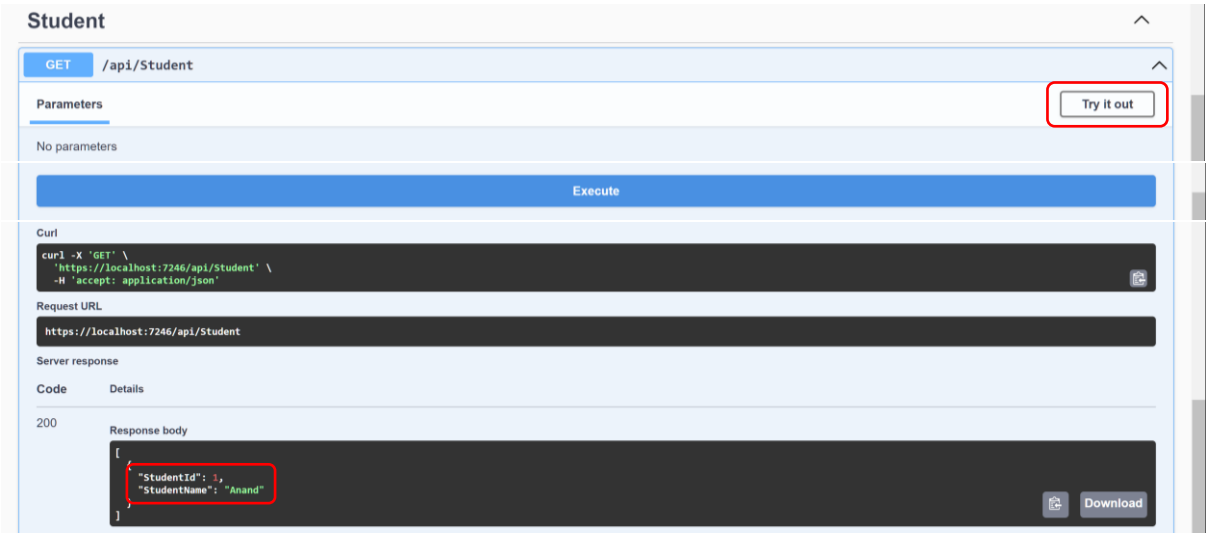


   - Change the example value (**studentName**) in the Request Body field.
   - Click **Execute**.



Swagger UI submits the request and shows the response.

10. Verify that the student was created.
    - Expand the **GET Student** endpoint.
    - Click **Try it out**.
    - Click **Execute**.
    - The new student's name will be returned in the Response section.



Check the database to see the new student.