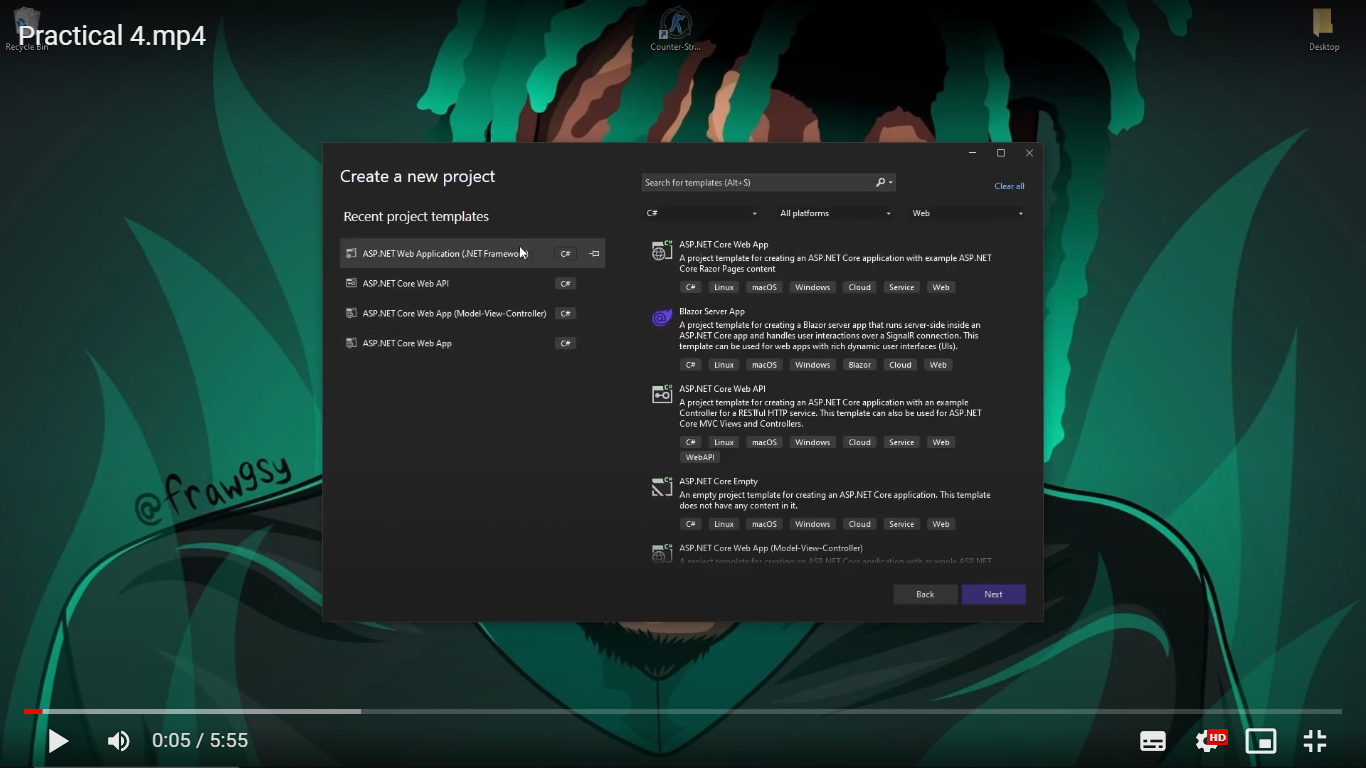
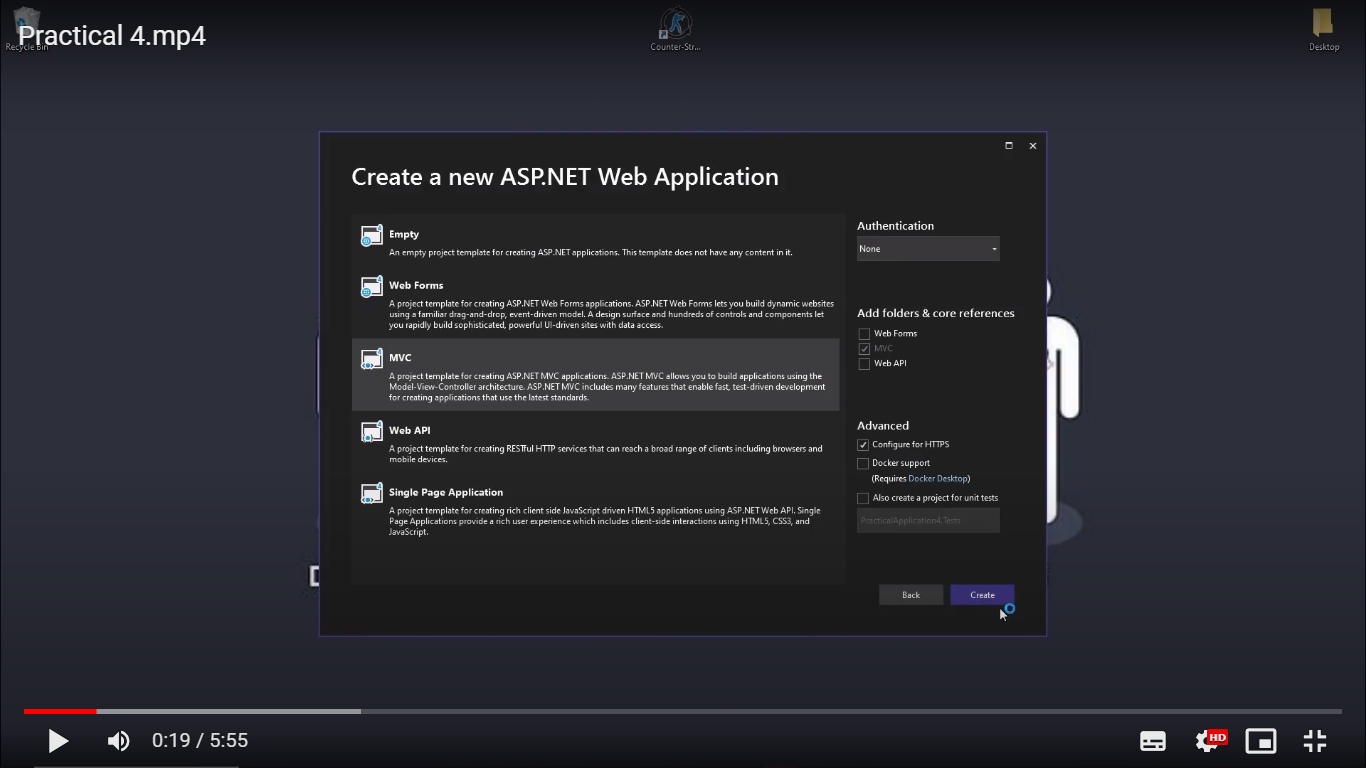
**Practical No. 4**

**Aim:** MVC Application

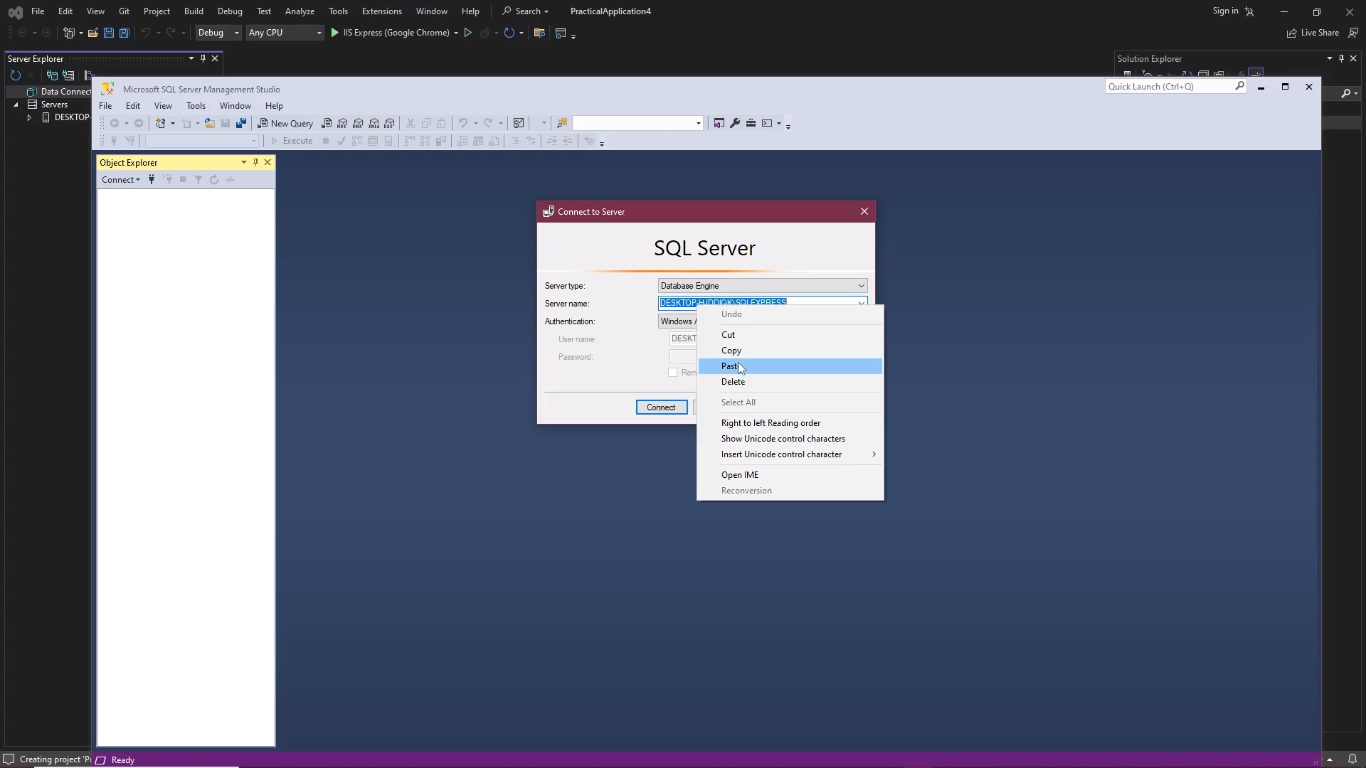
**Steps:**

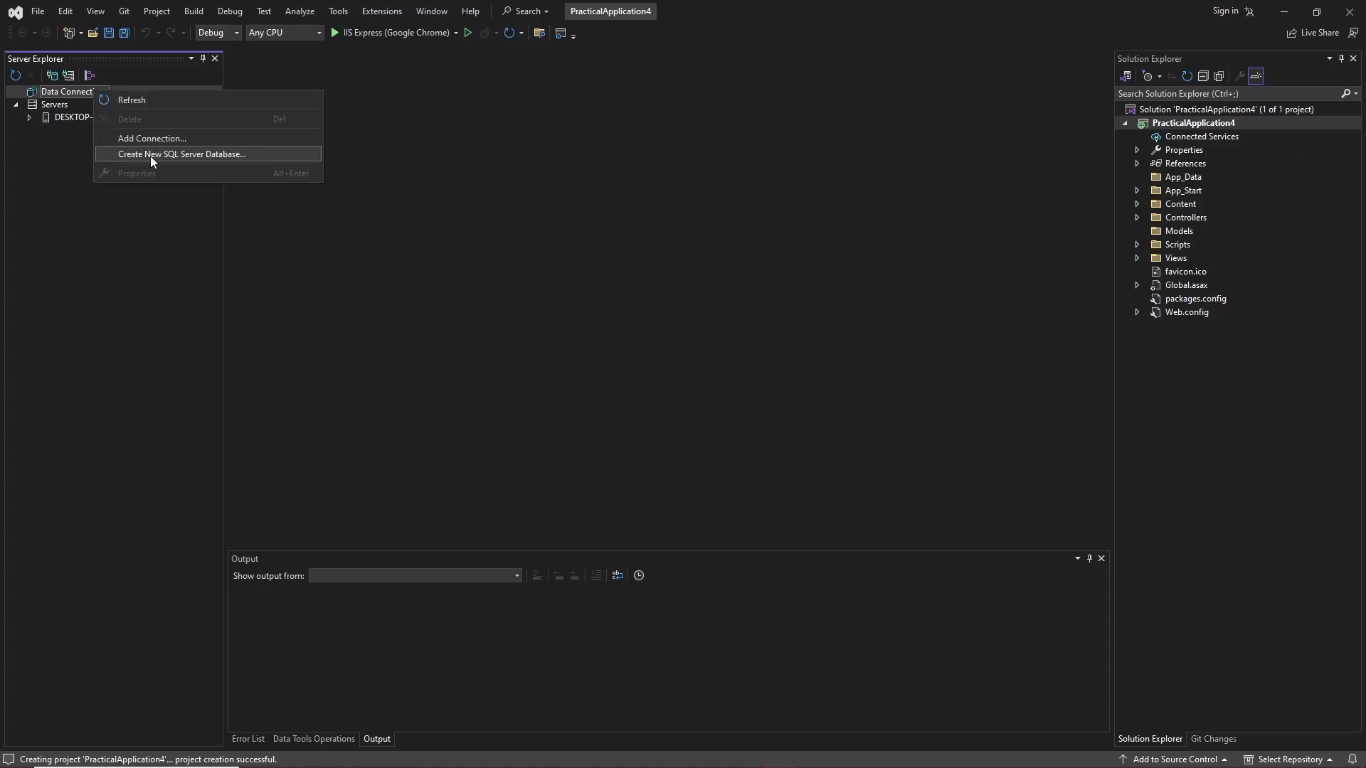
Step 1: create a new project select the “ASP.NET Web Application (.NET framework)” and click on next, give the project a name then select “MVC” and click on create.

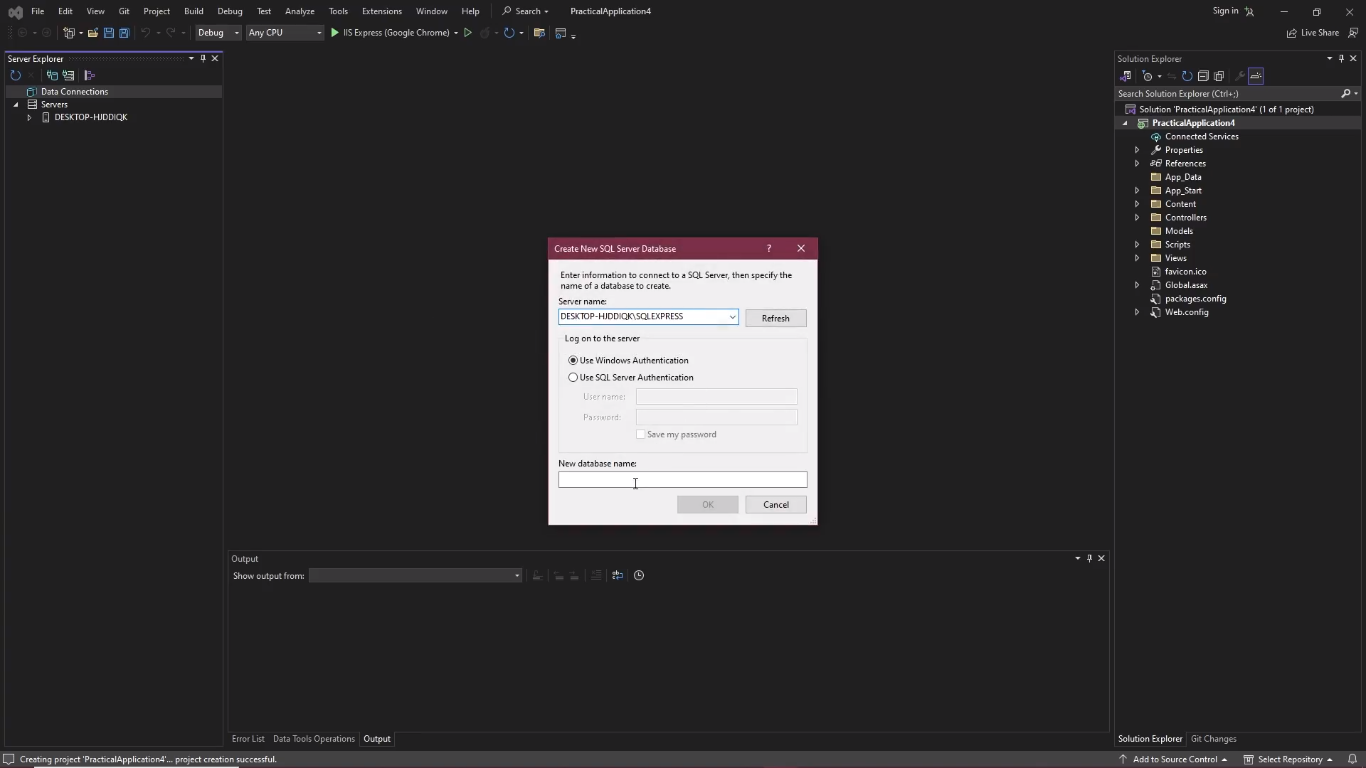




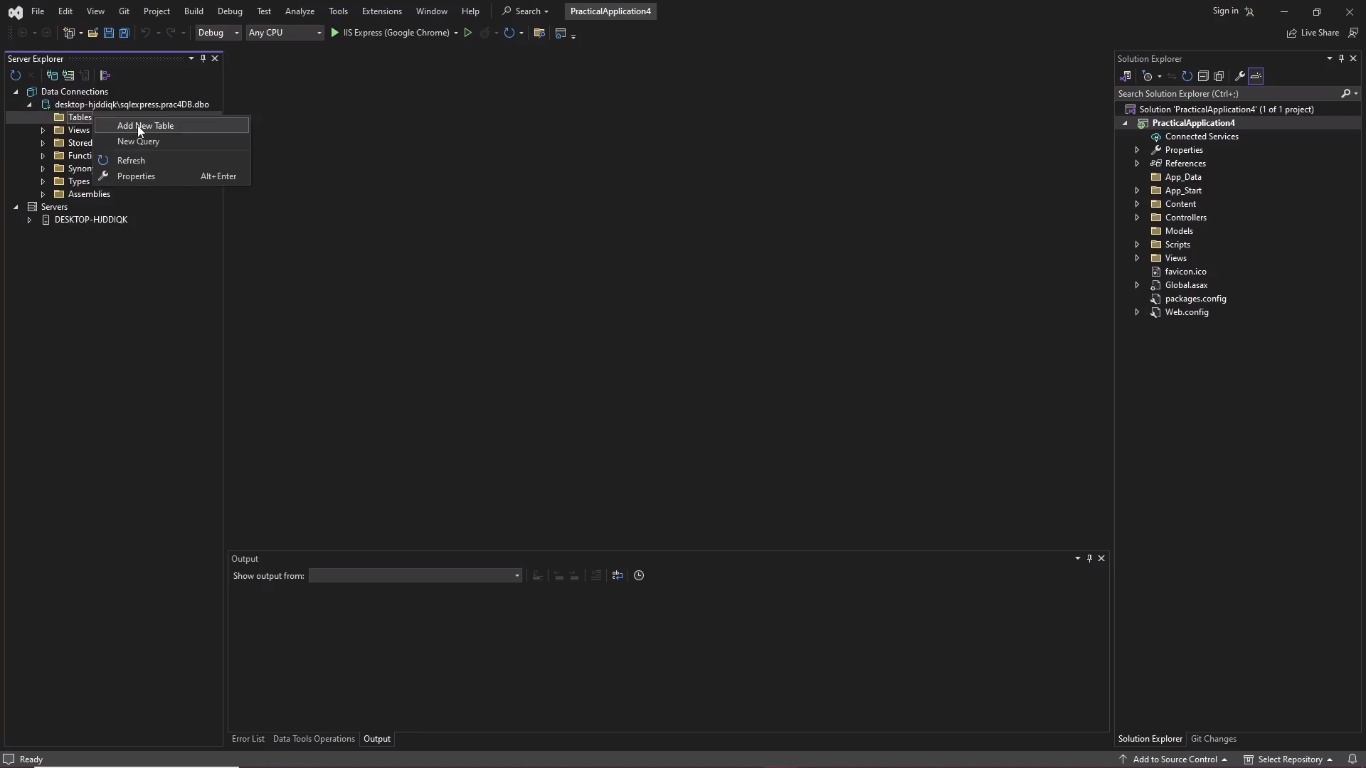
Step 2: Go to Microsoft SQL Server Management Studio and copy the server’s name, then go back to the studio click on data connections then select “Create new SQL Server Database…”, Paste the server’s name and give a new database name.

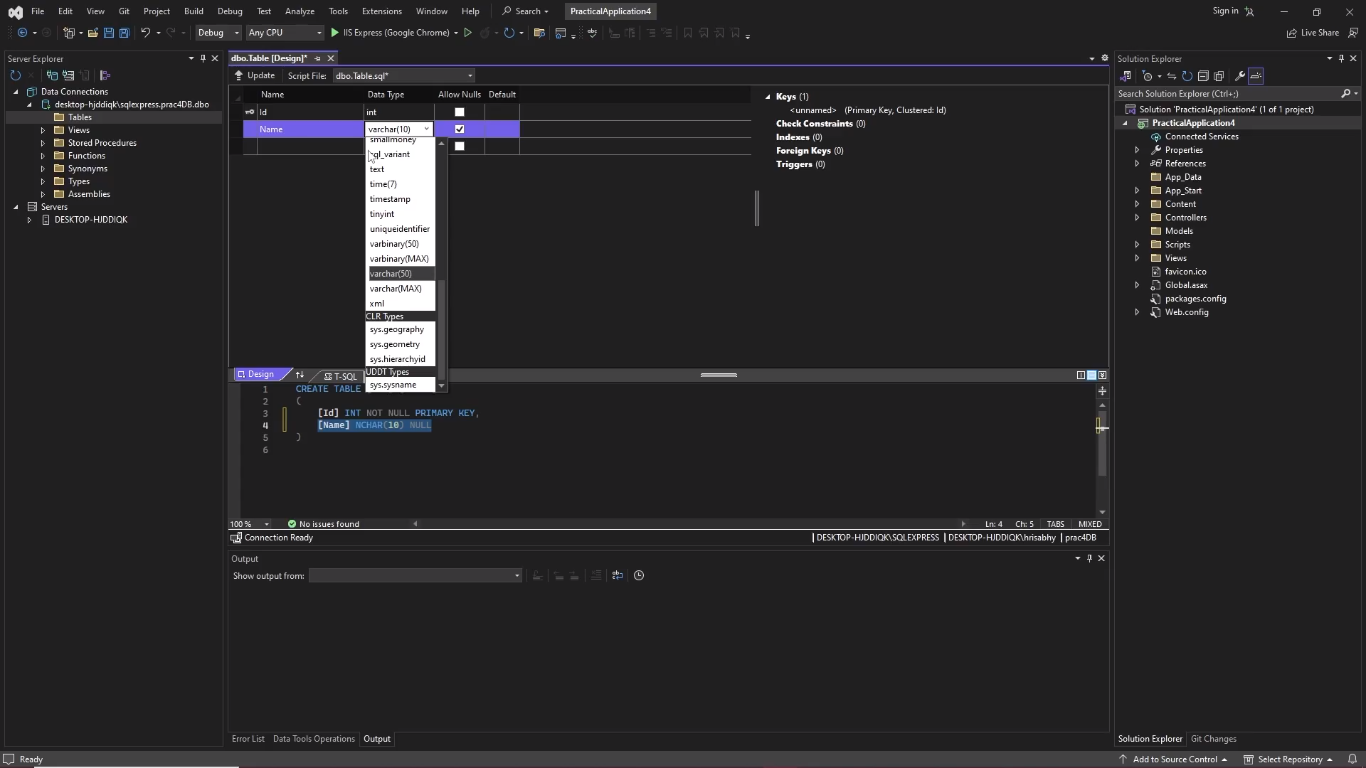


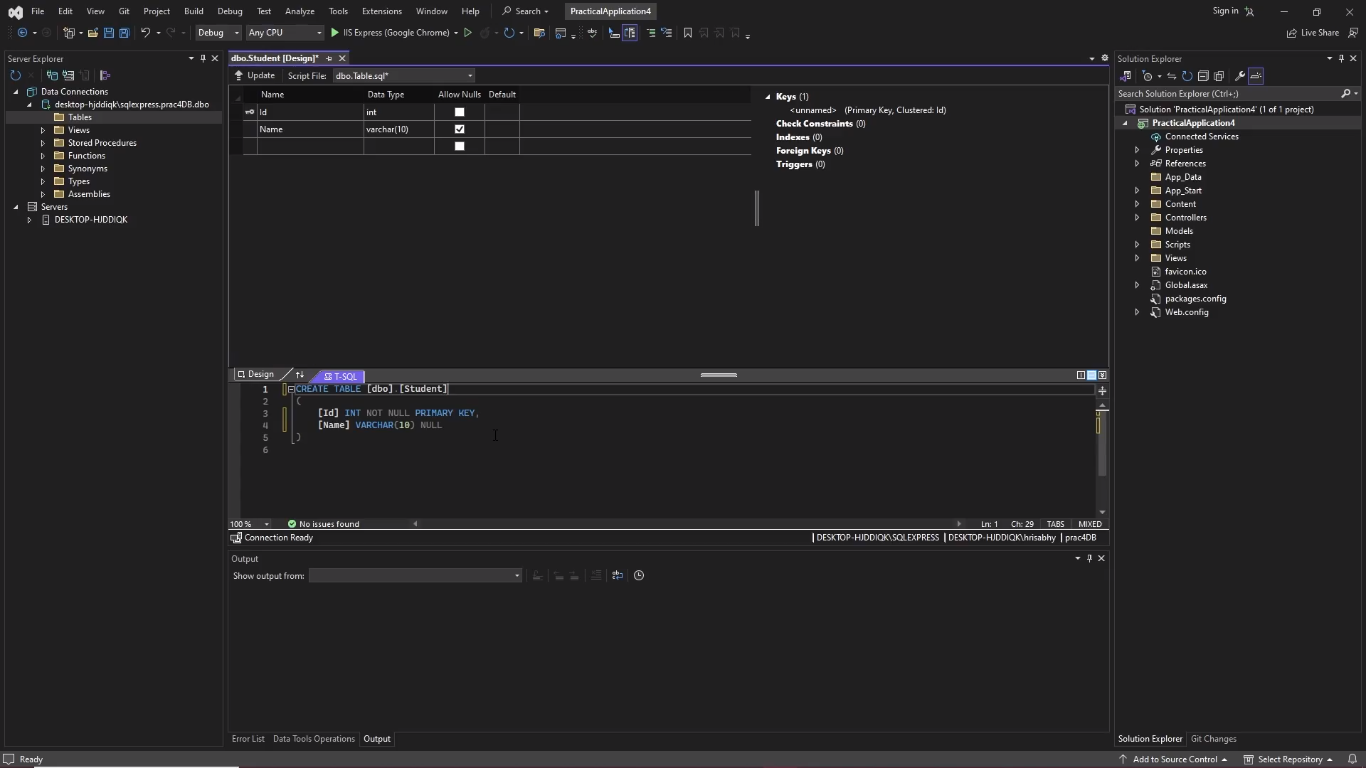




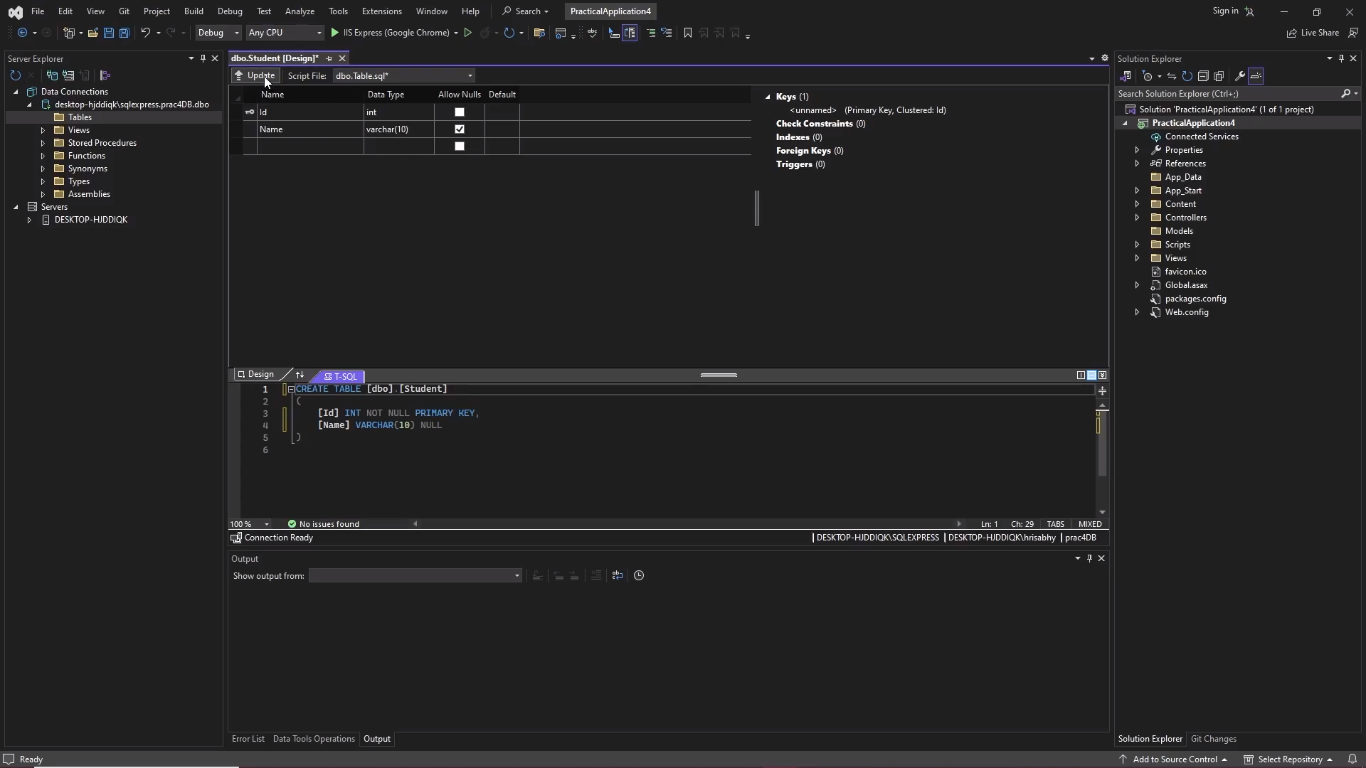
Step 3: Right click on tables and add new table, add a new item “Name” inside the table and set the Data type as “varchar (10)”, Change the name of the table to Student.

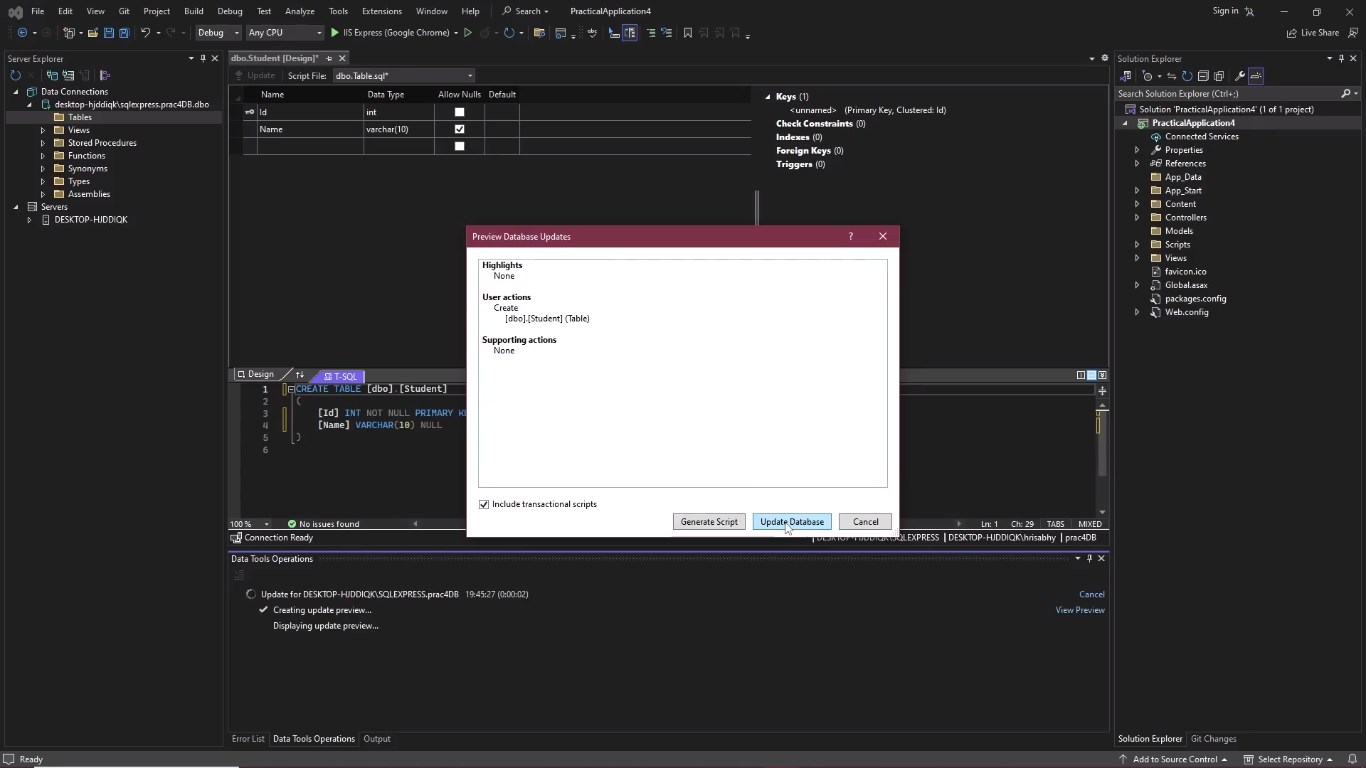




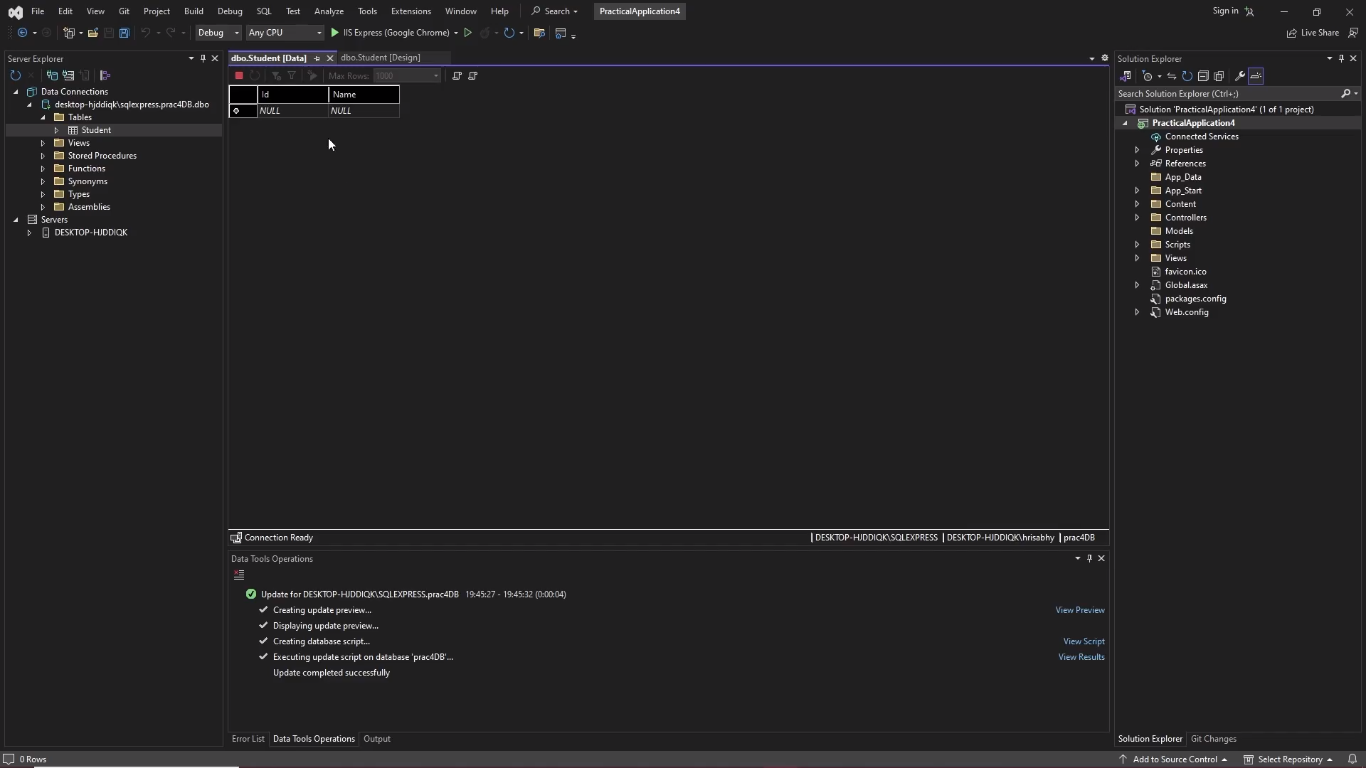


Step 4: click on the update

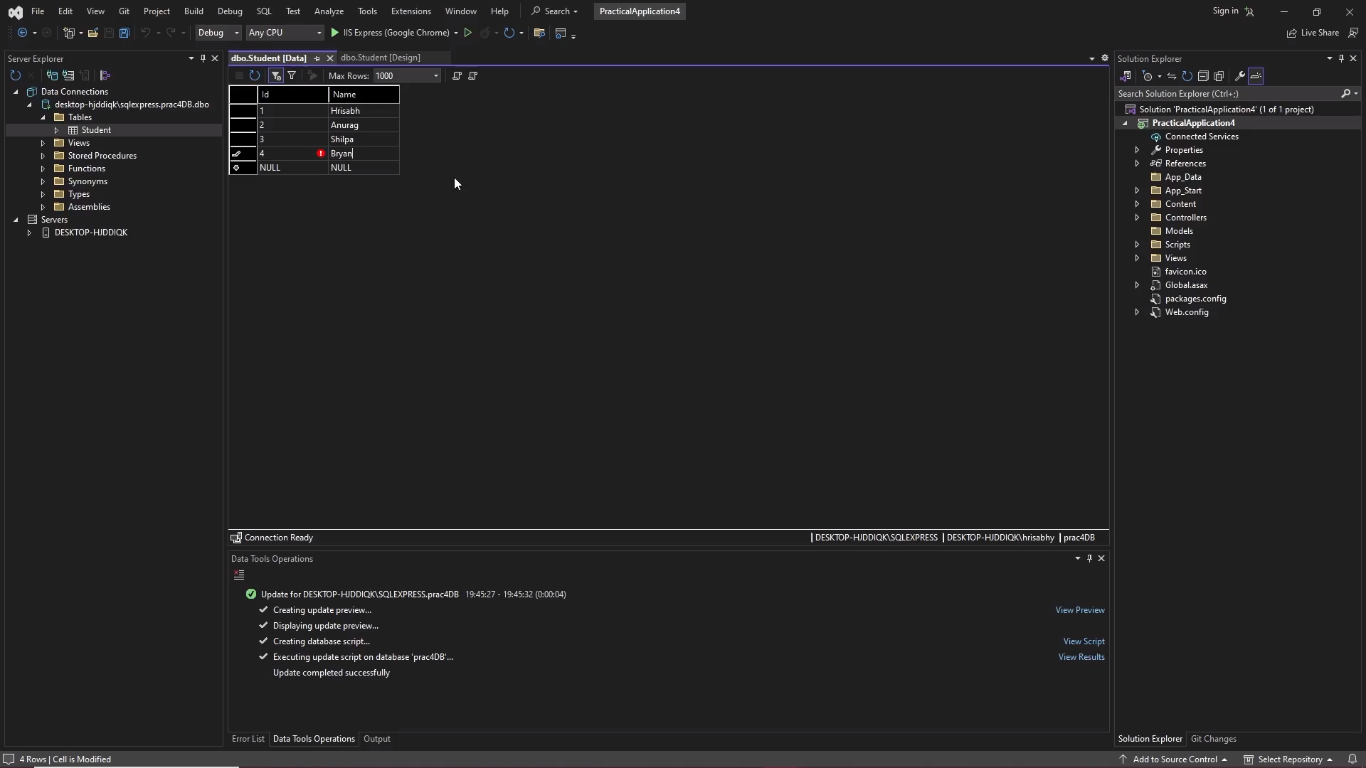




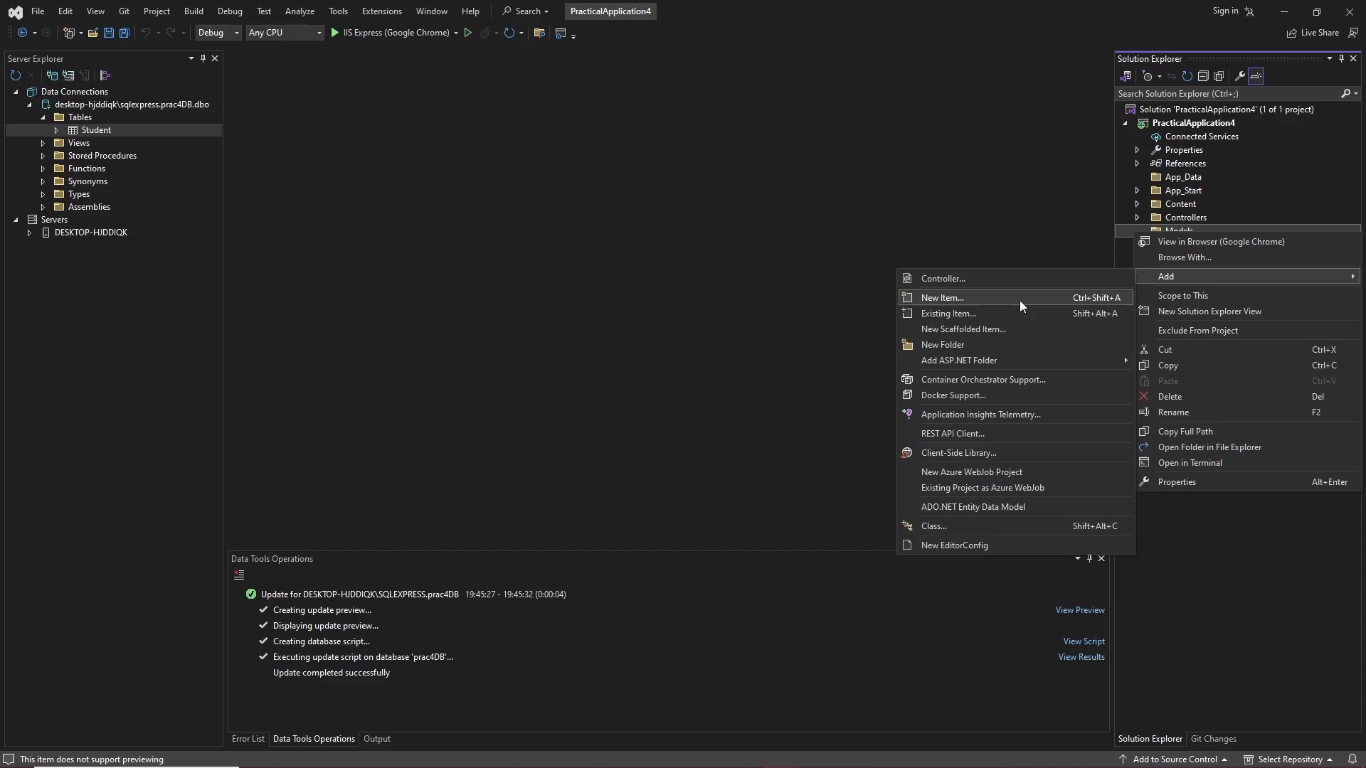
Step 5: Click on Refresh, under the tables right click on Students and click on “show table”



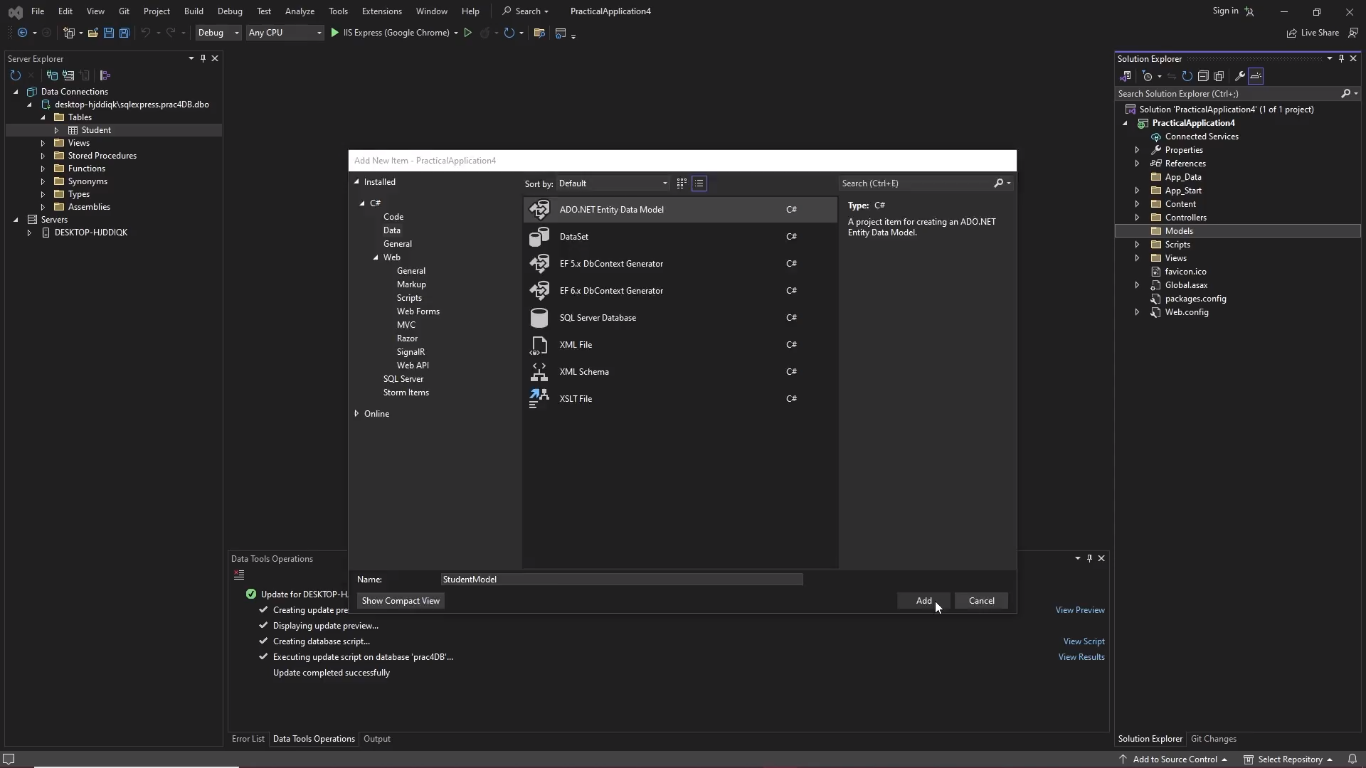
Step 6: add a few names and id to the table



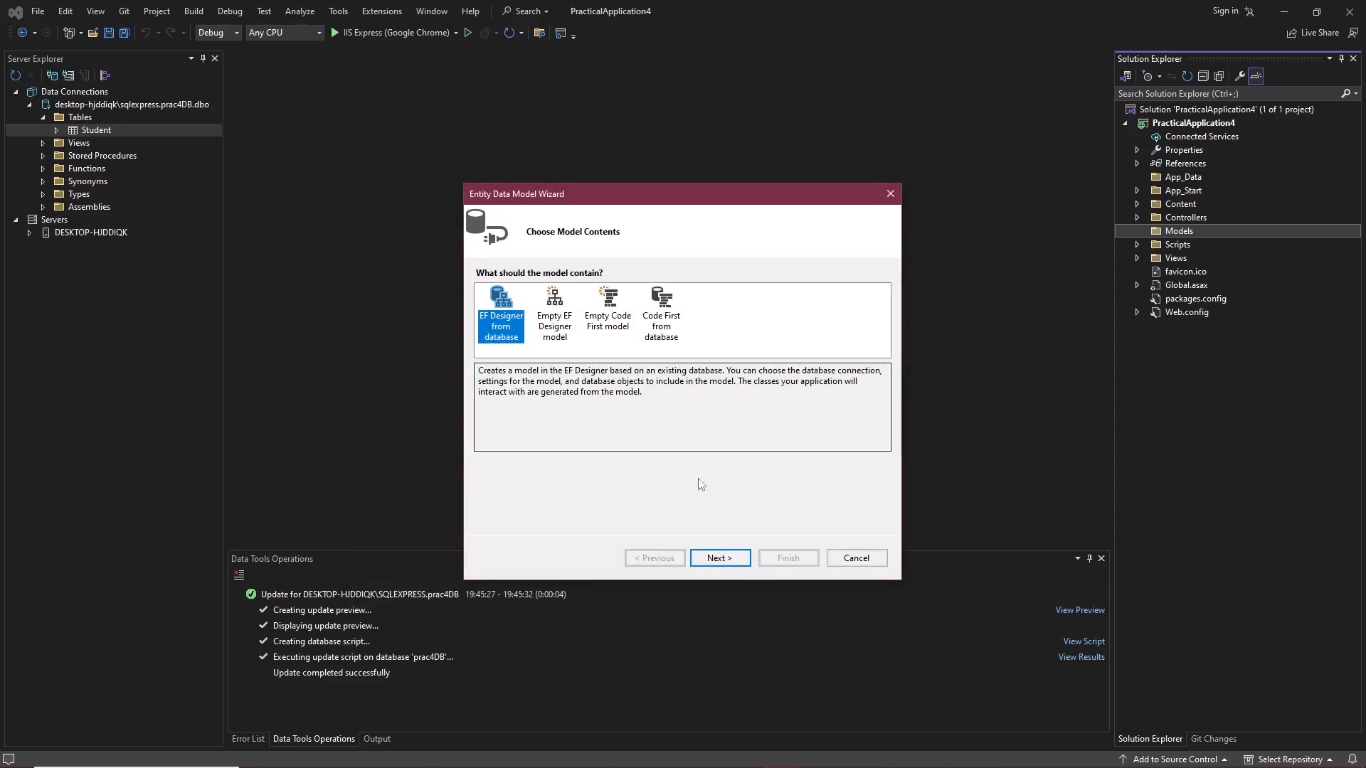
Step 7: Under the solution explorer right click on ‘models’, click on ‘add’ then select ‘New Items…’



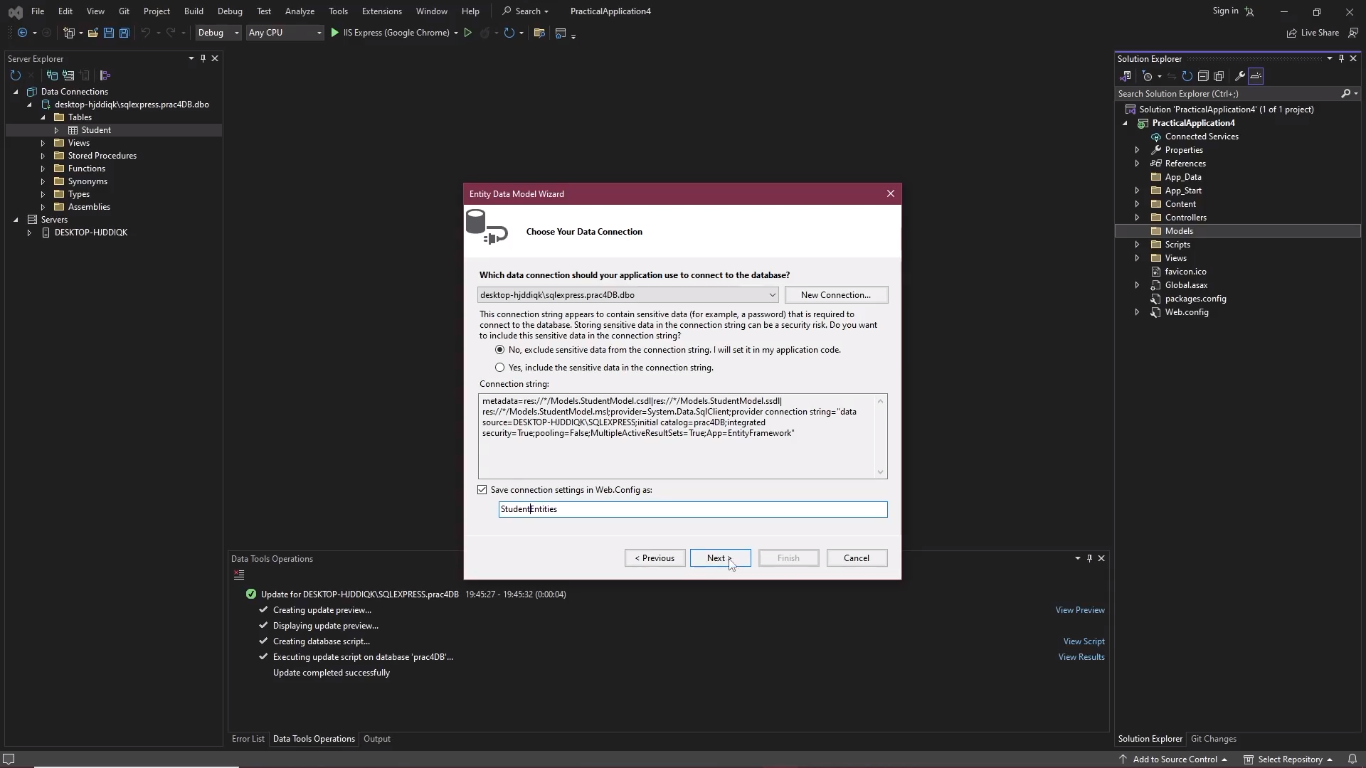
Step 8: Under ‘C#’ select ‘Data’, enter the name ‘StudentModel’ and click on add.



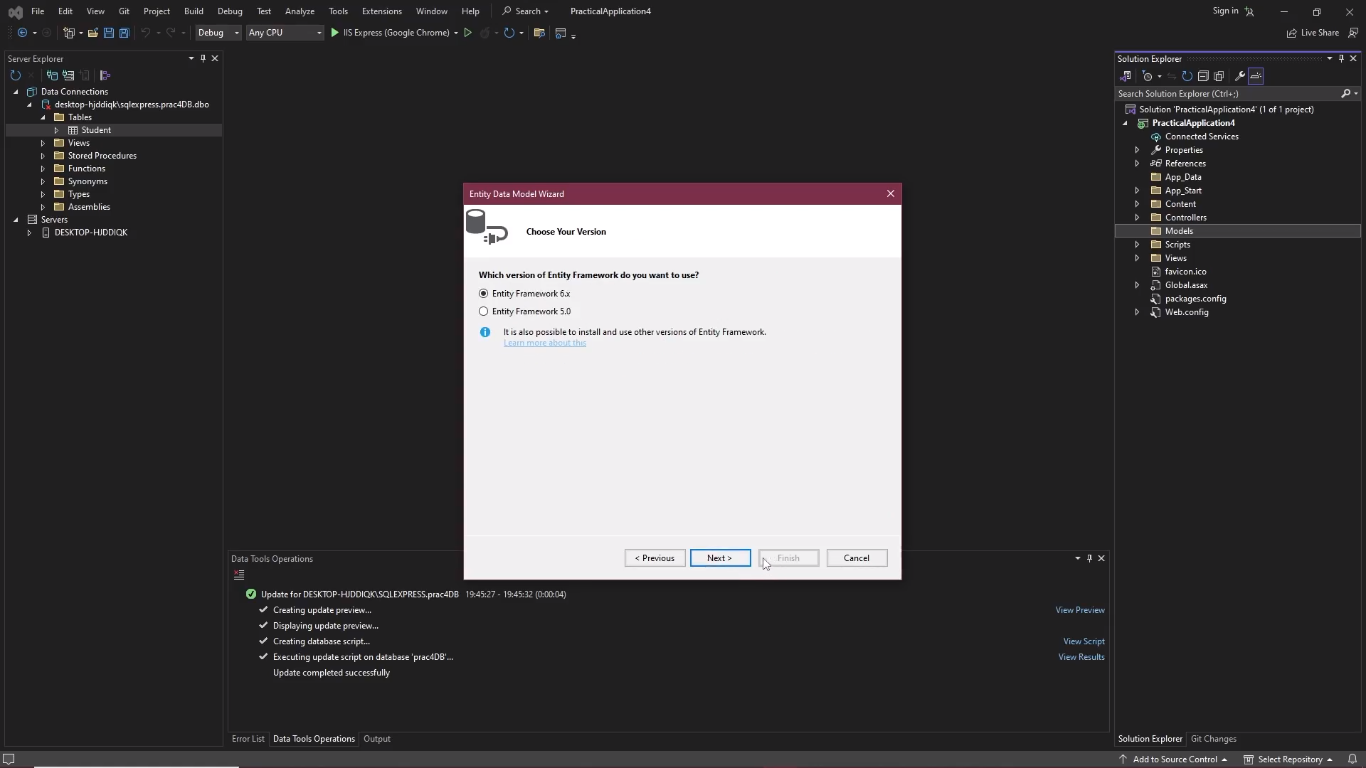
Step 9: Select ‘EF designer from database’ and click on next



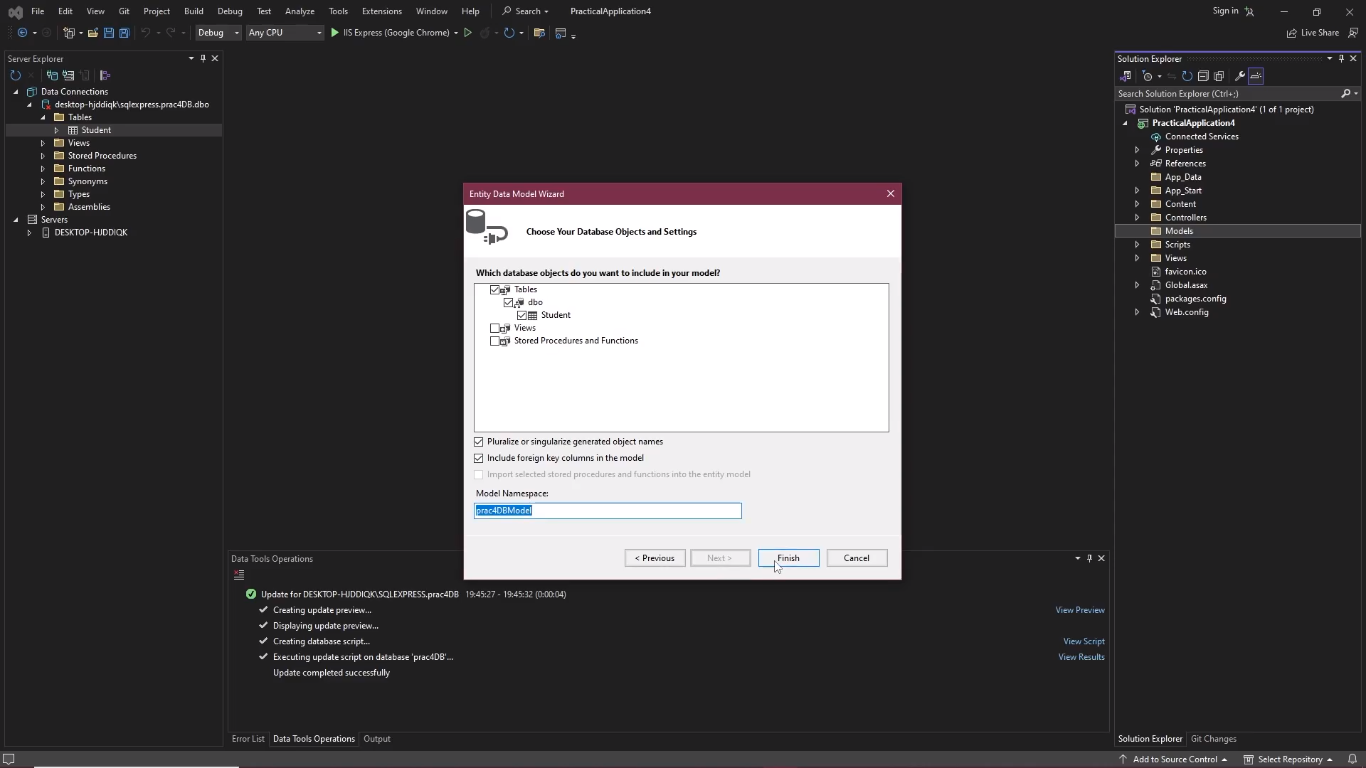
Step 10: Select ‘No’, remove your server’s name and type ‘StudentEntities’ then click on next



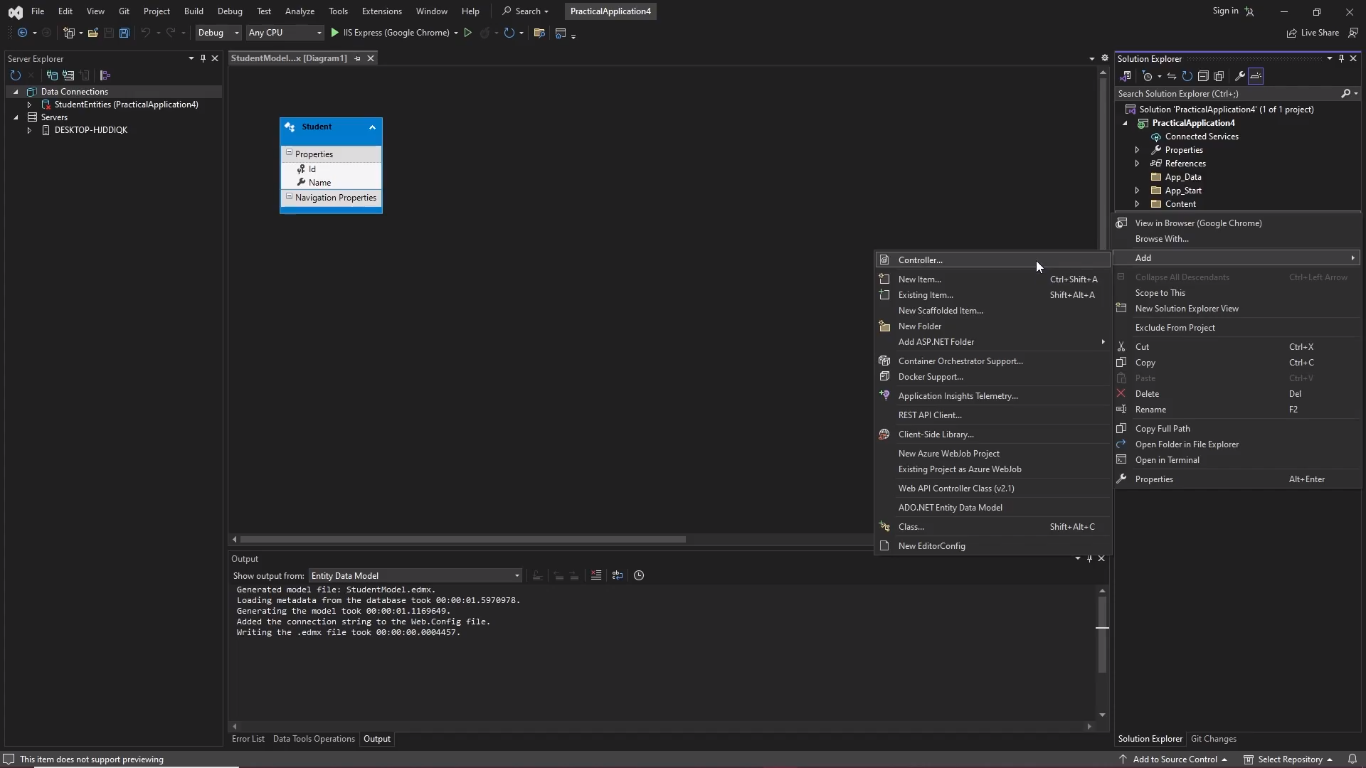
Step 11: let ‘Entity framework 6.x’ be selected



Step 12: Select the student table under dbo under Tables and click on finish



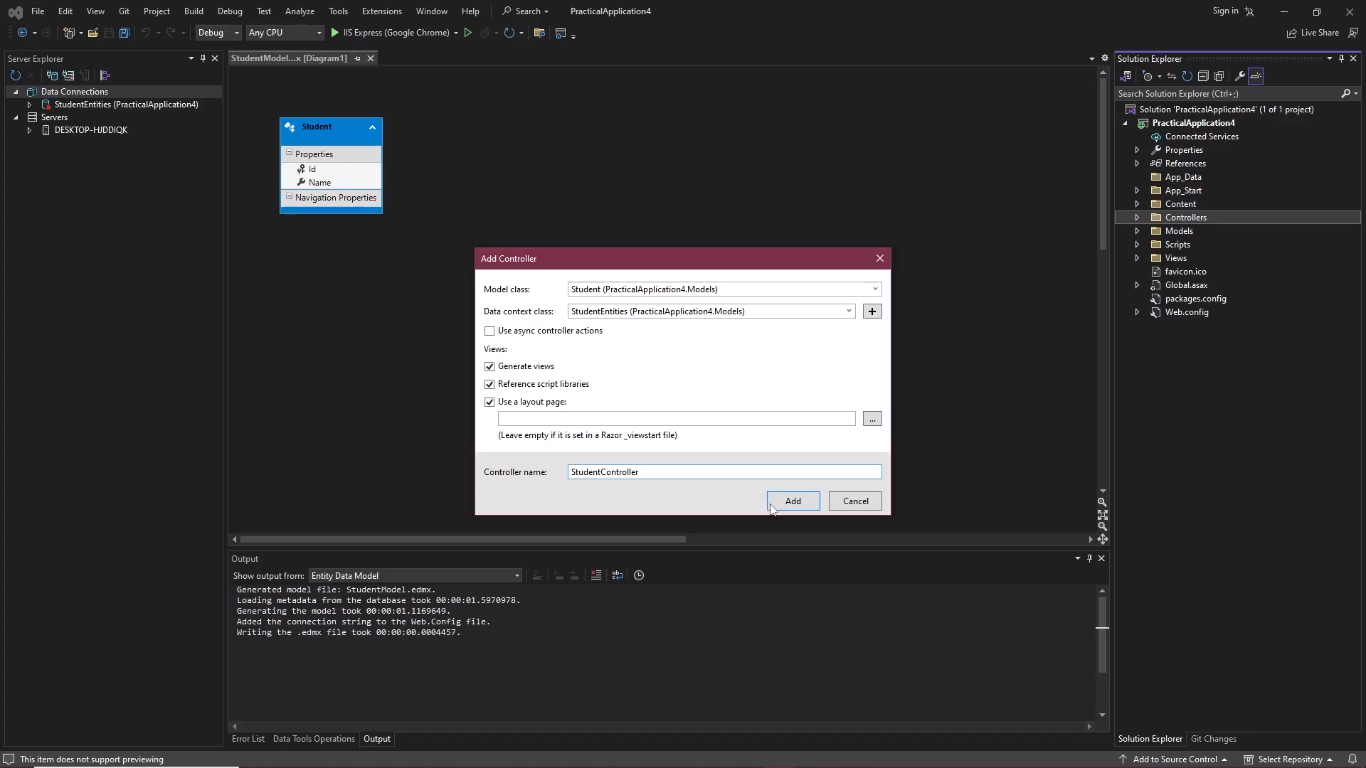
Step 13: Right click on controller in the solution explorer, click on ‘add’ then select ‘controller…’



Step 14: Select ‘MVC 5 Controller with views, using entity Framework’ and click on add

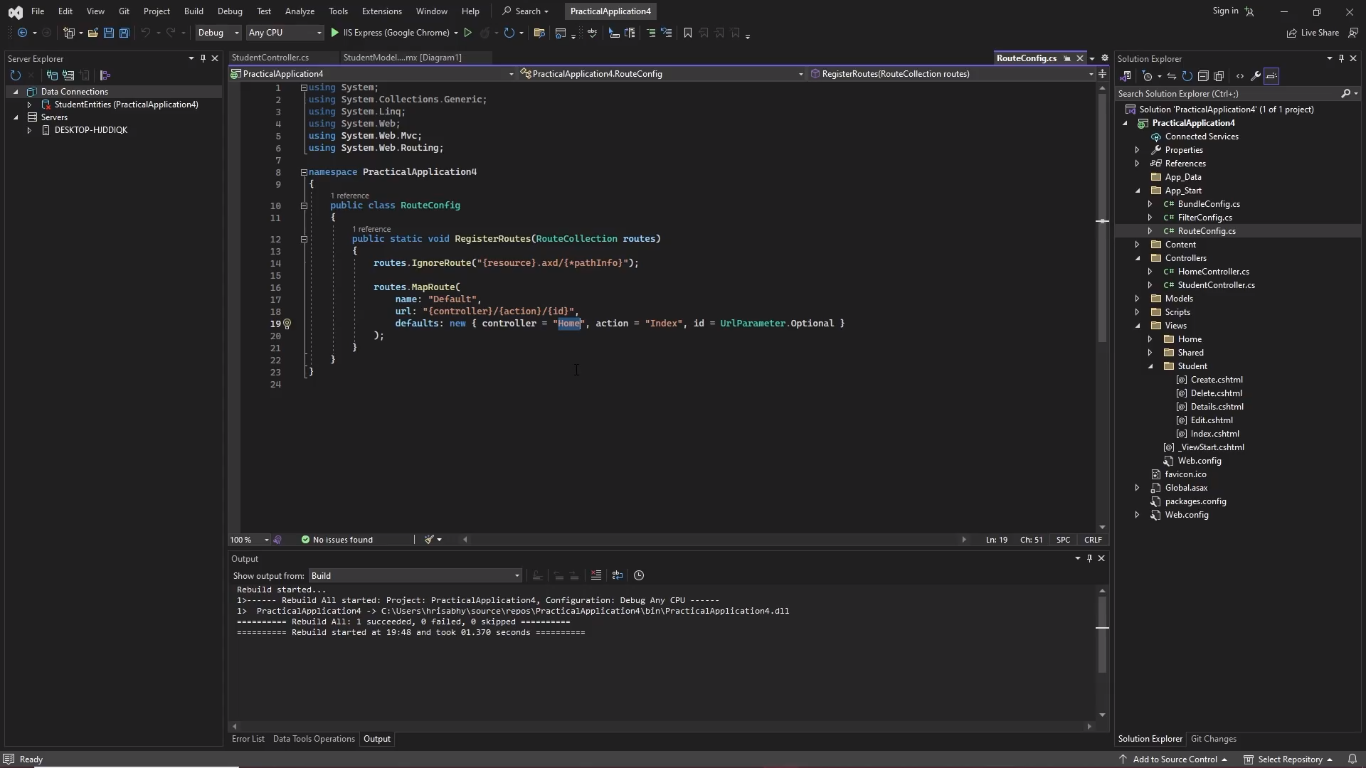


Step 13: select model class, data context class and type the controller’s name then click on add

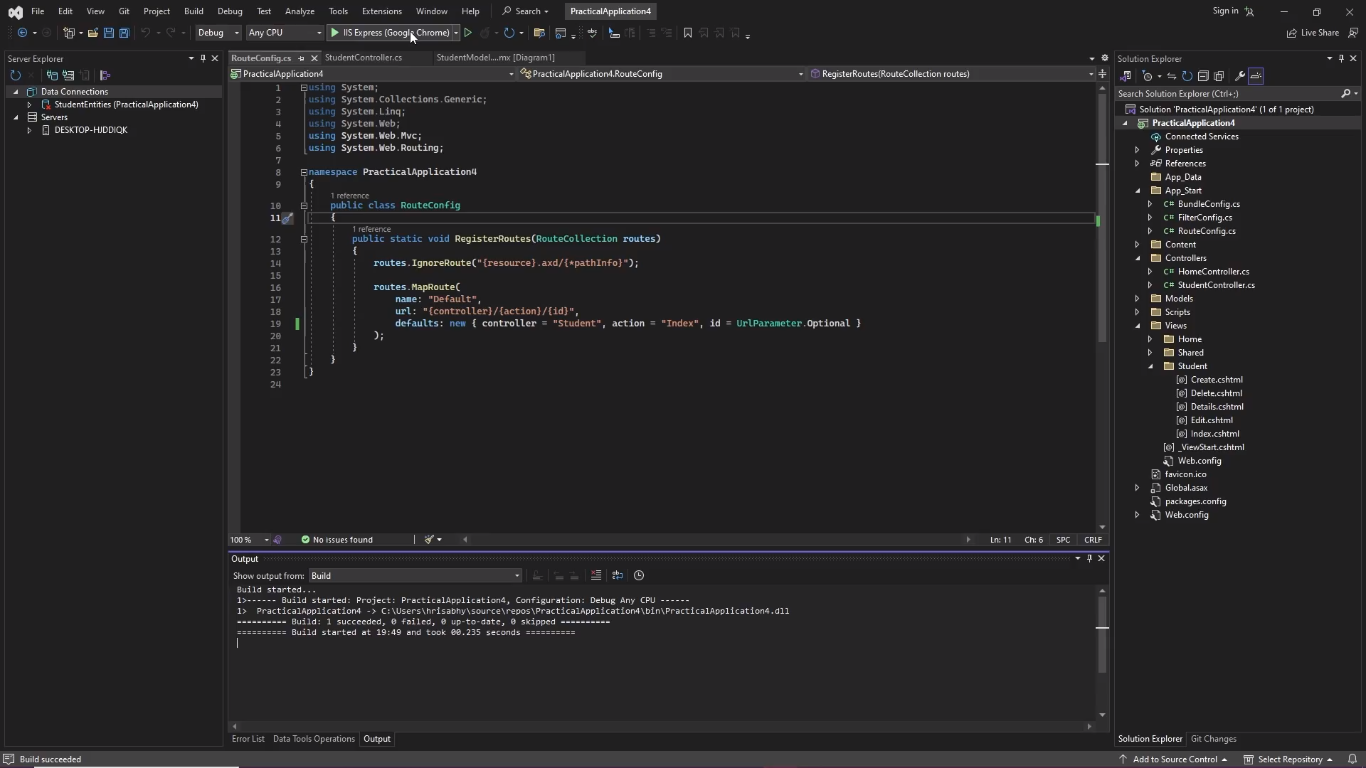


[Incase the is an error right click on the application in solution explorer and select rebuild and repeat step 13-15]

Step 16: In the solution explorer go to on ‘App\_Store’ then select ‘C# RouteConfig.cs’. Change the Controller name from ‘home’ to ‘Student’



Step 17: Right click on the application name and click on ‘Build’ and then click on ‘IIS Express (Google Chrome)’.



Output:

