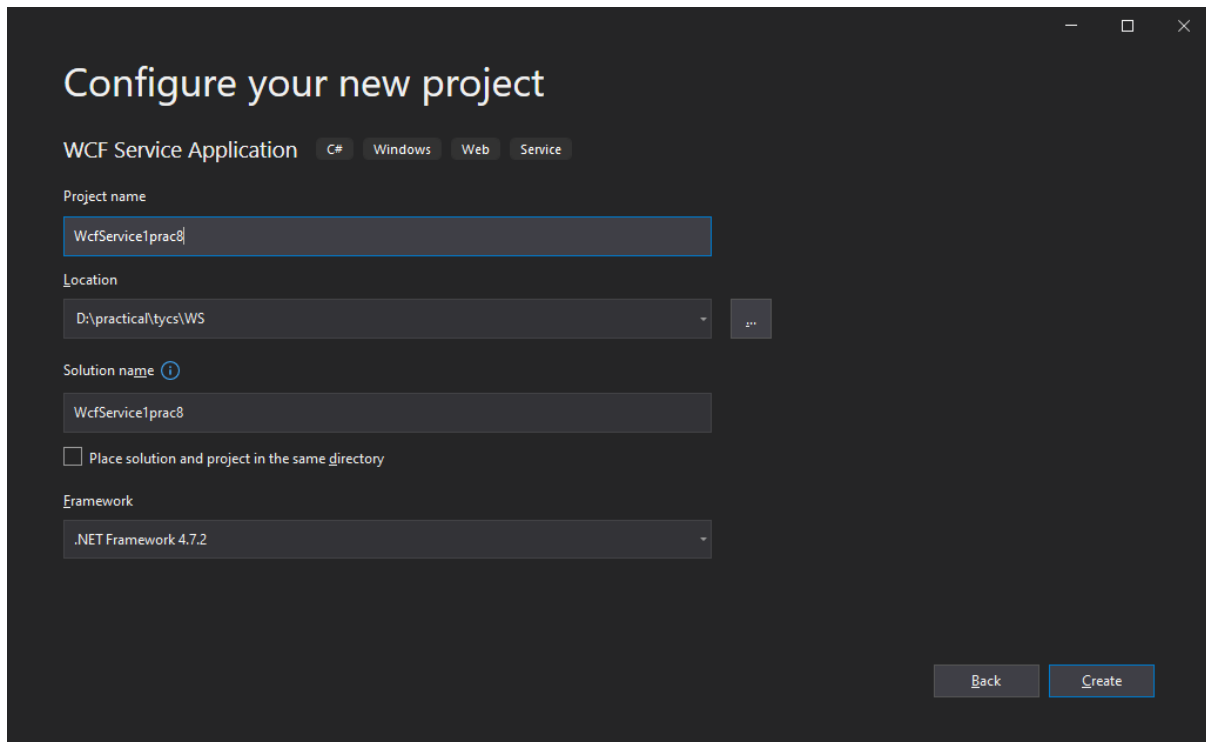


Step 1:

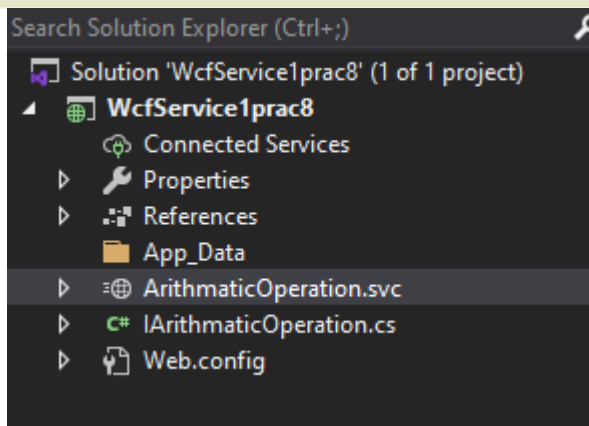
Open visual studio and create new wcf service application

1) Now delete default files and create wsl service file. Named arithmetic operations

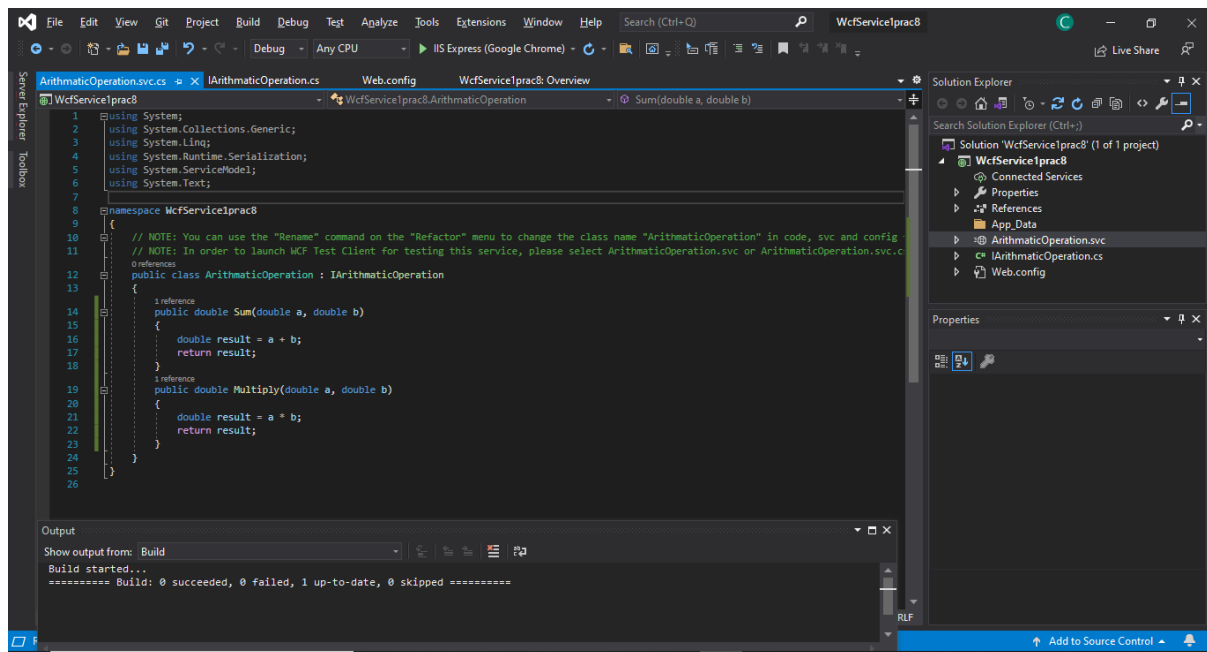


svcutil.exe

<http://localhost:65376/ArithmeticOperation.svc?wsdl>



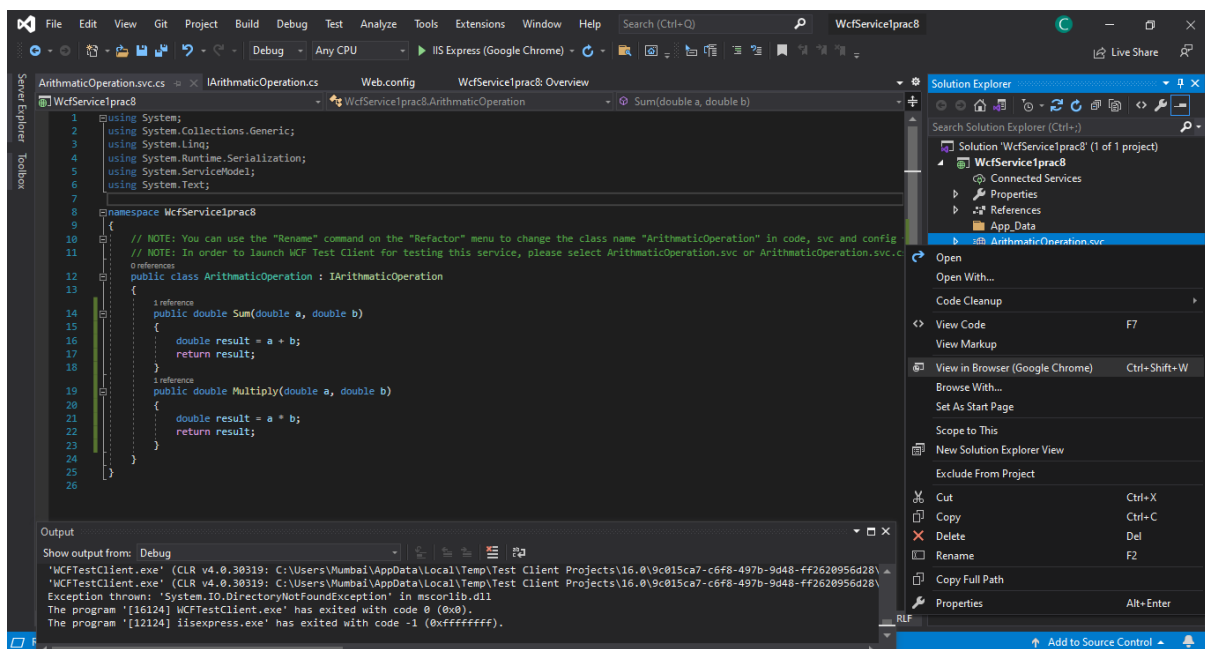
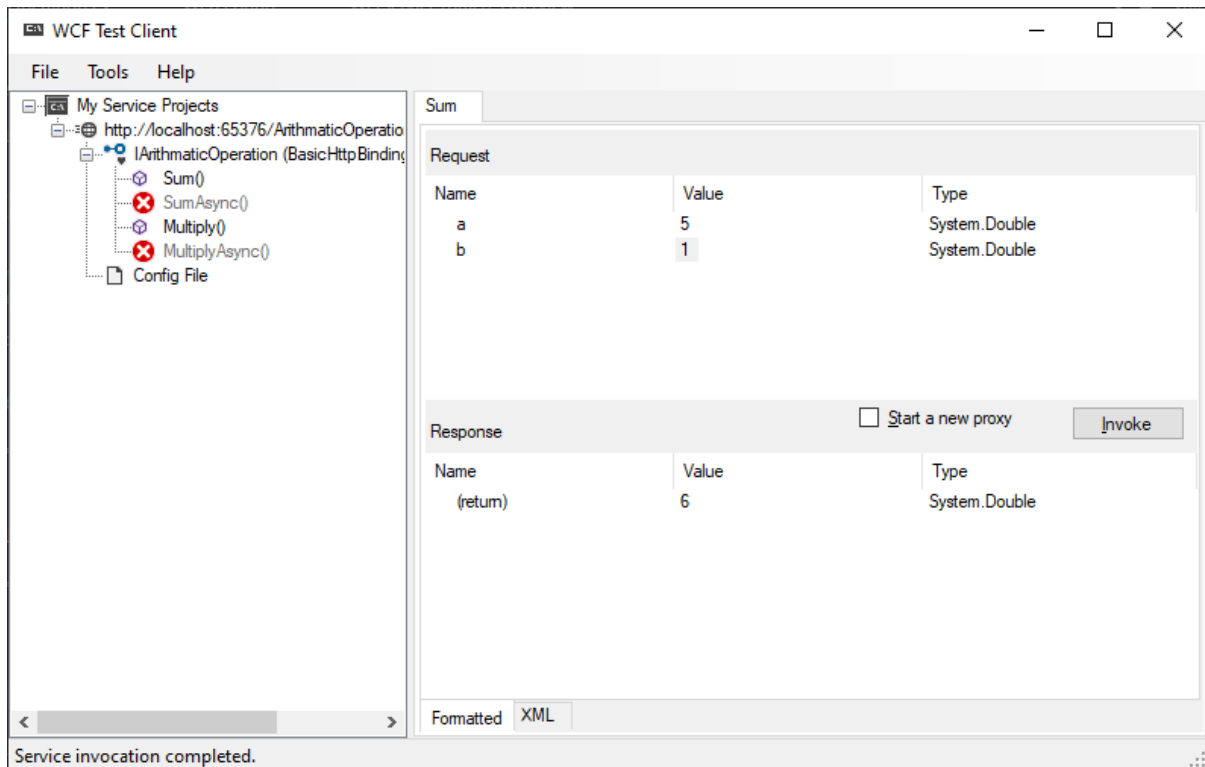
And define the service methods in the arithmeticoperations.cs and methodology in arithmeticoperations.svc.cs



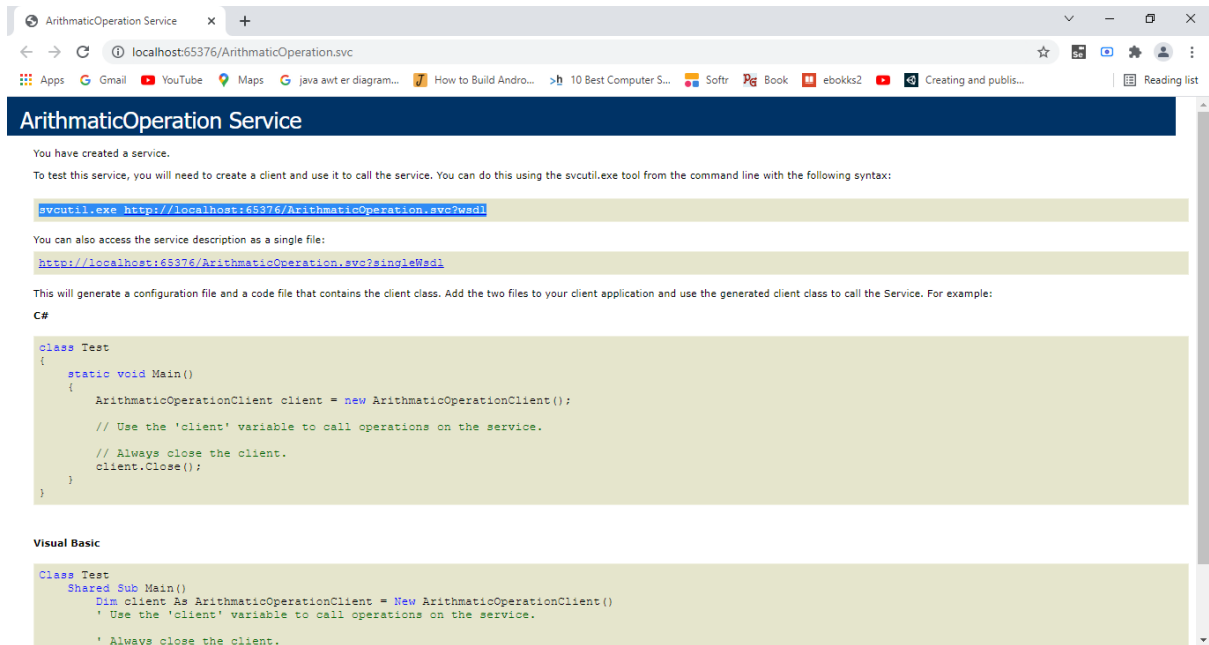
2) Make arithmeticoperations.svs to start page by right clicking on it



3) Run and give inputs

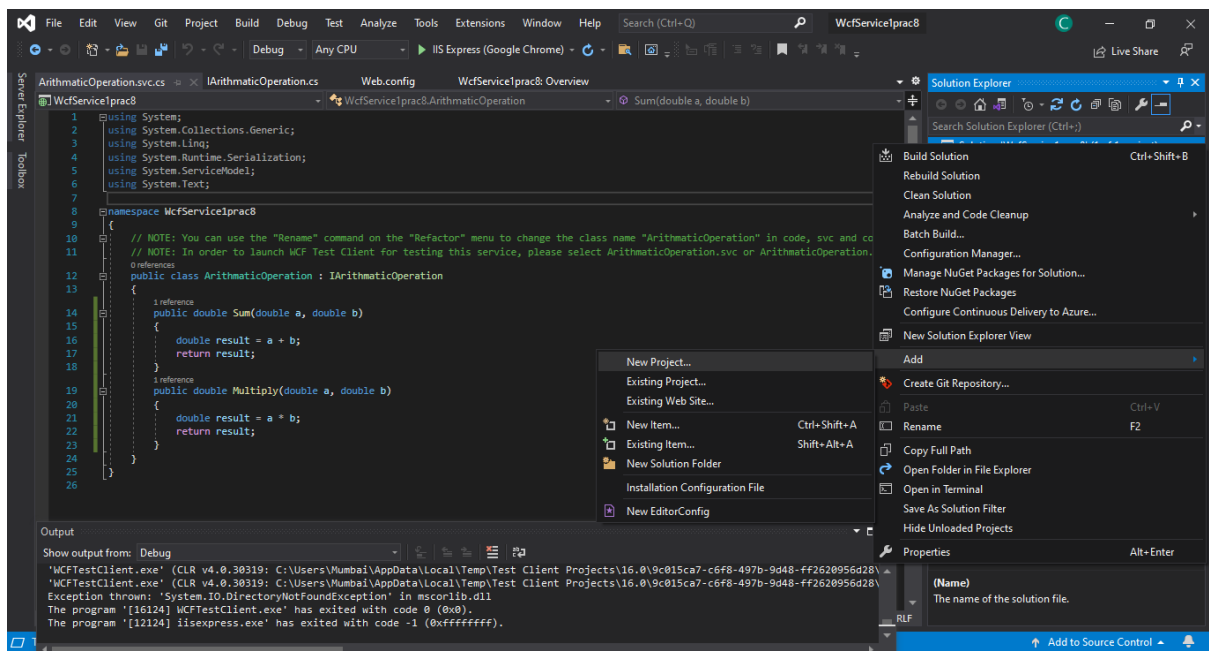


4) Copy svc?wsdl link from webview of svc file and paste it somewhere as we need it soon

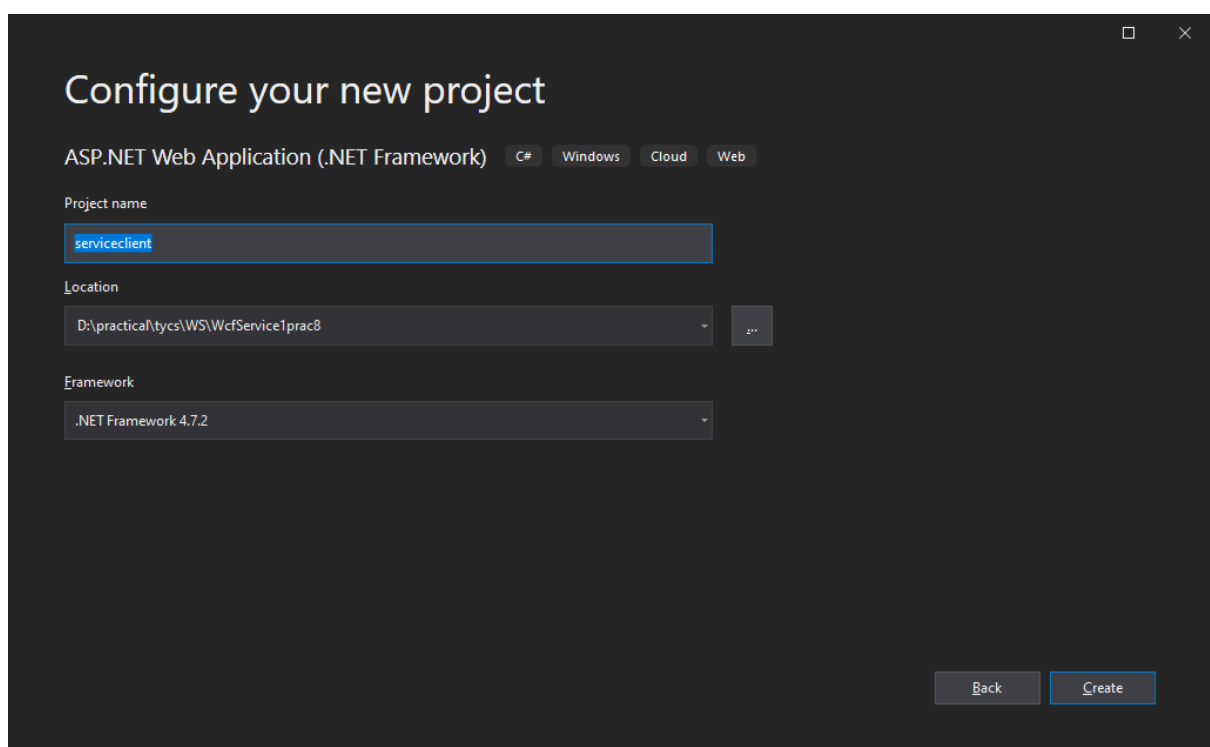
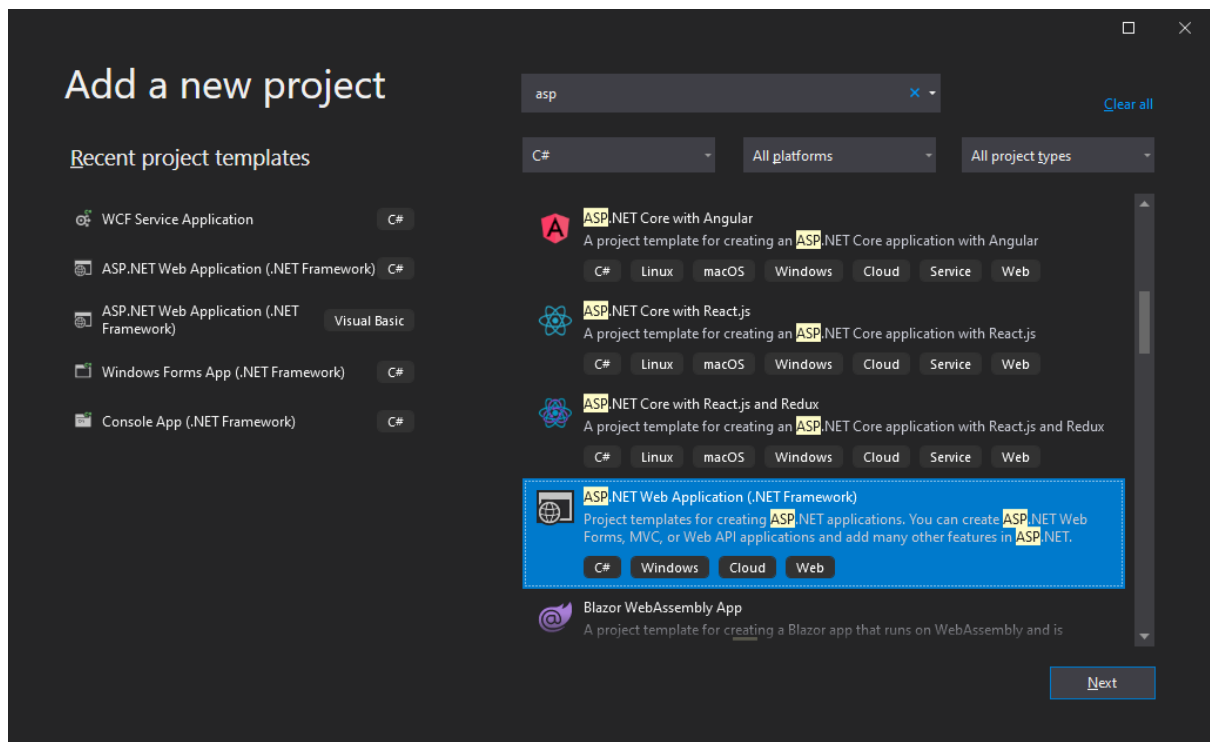


The screenshot shows a web browser window titled "ArithmeticOperation Service". The address bar shows the URL "localhost:65376/ArithmeticOperation.svc". The page content includes instructions on how to test the service using the svcutil.exe tool. A code block shows the command: `svcutil.exe http://localhost:65376/ArithmeticOperation.svc?wsdl`. Below this, there is a link to the service description: <http://localhost:65376/ArithmeticOperation.svc?singleWsdl>. The page also provides a C# code example for testing the service, which includes a `Test` class with a `Main` method that creates an `ArithmeticOperationClient` and calls its `Sum` method.

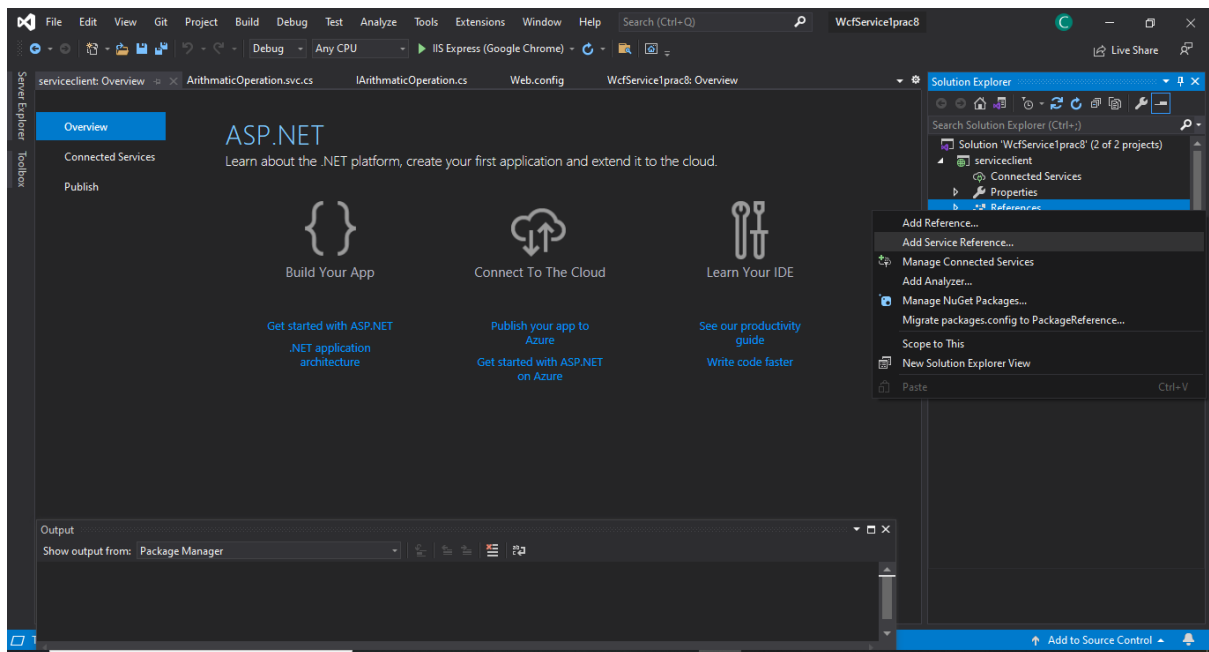
Now add new project



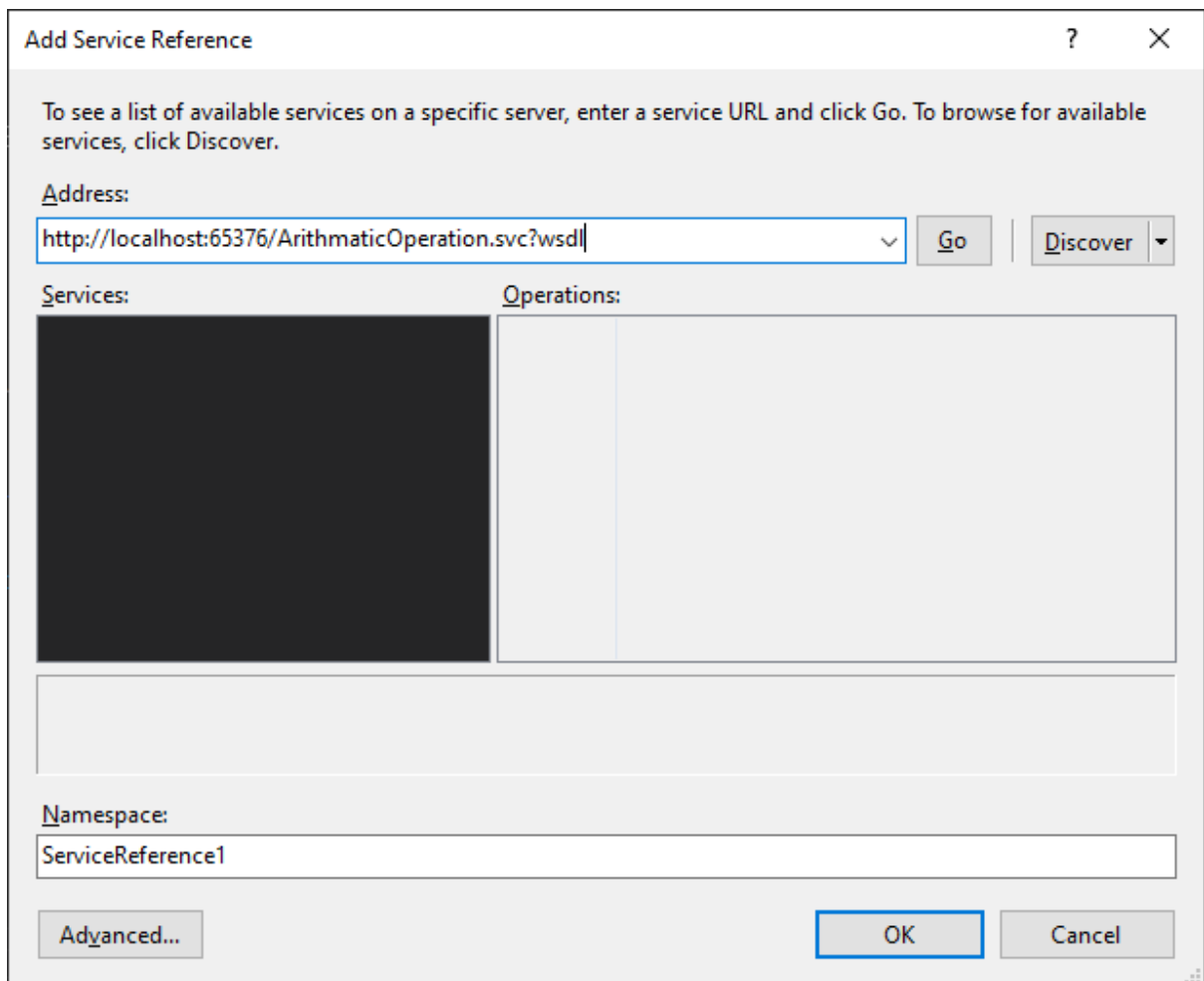
The screenshot shows the Visual Studio IDE with the "New Project" dialog box open. The dialog box is titled "New Project" and shows a list of project templates. The "Web" category is selected, and the "Web Application" template is highlighted. The "Add" button is visible at the bottom right of the dialog box. The background shows the code editor with the `ArithmeticOperation.svc.cs` file open, displaying the service implementation.

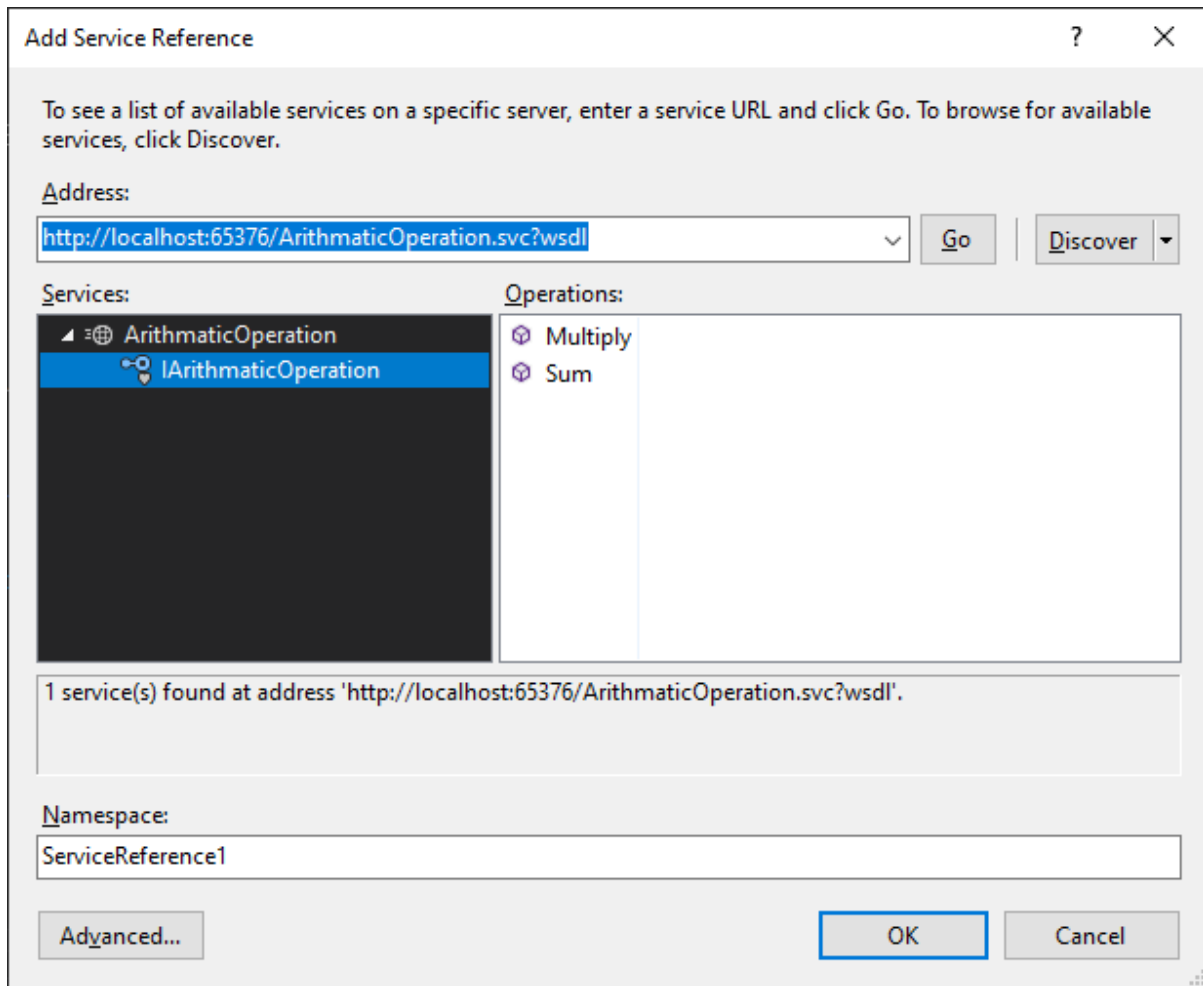


Add a service reference

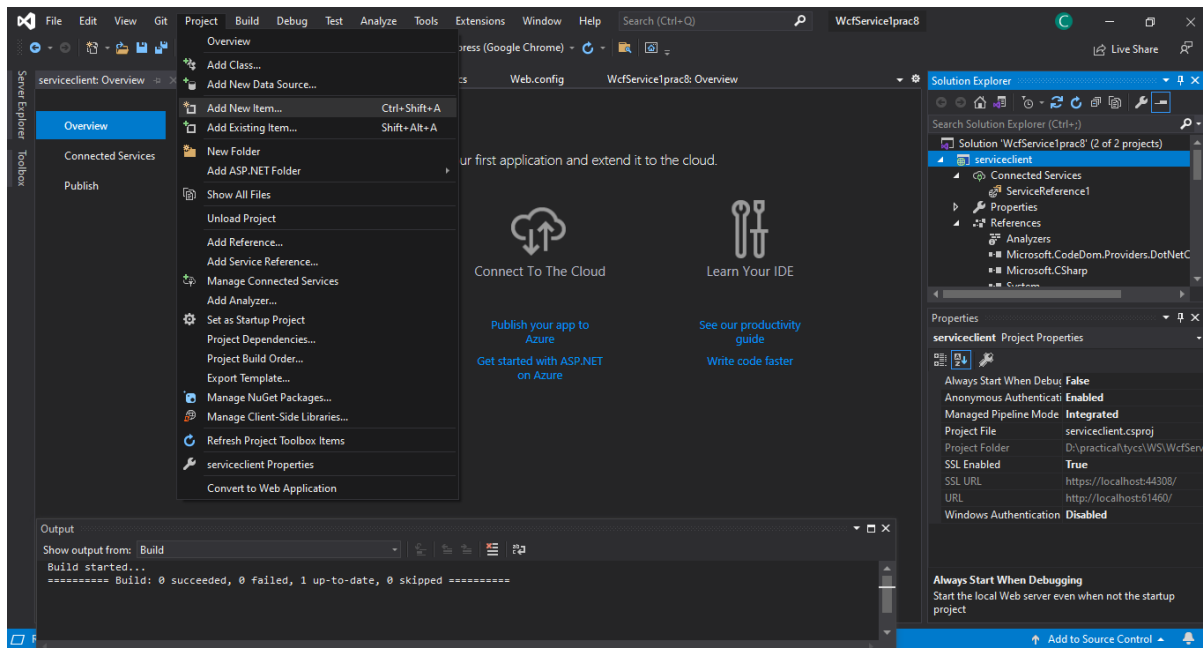


6) Now add reference to our webservice by right clicking on reference and paste the text we copied earlier to this and paste url `http://localhost:53221/arithmeticoperations.svc?wsdl` here

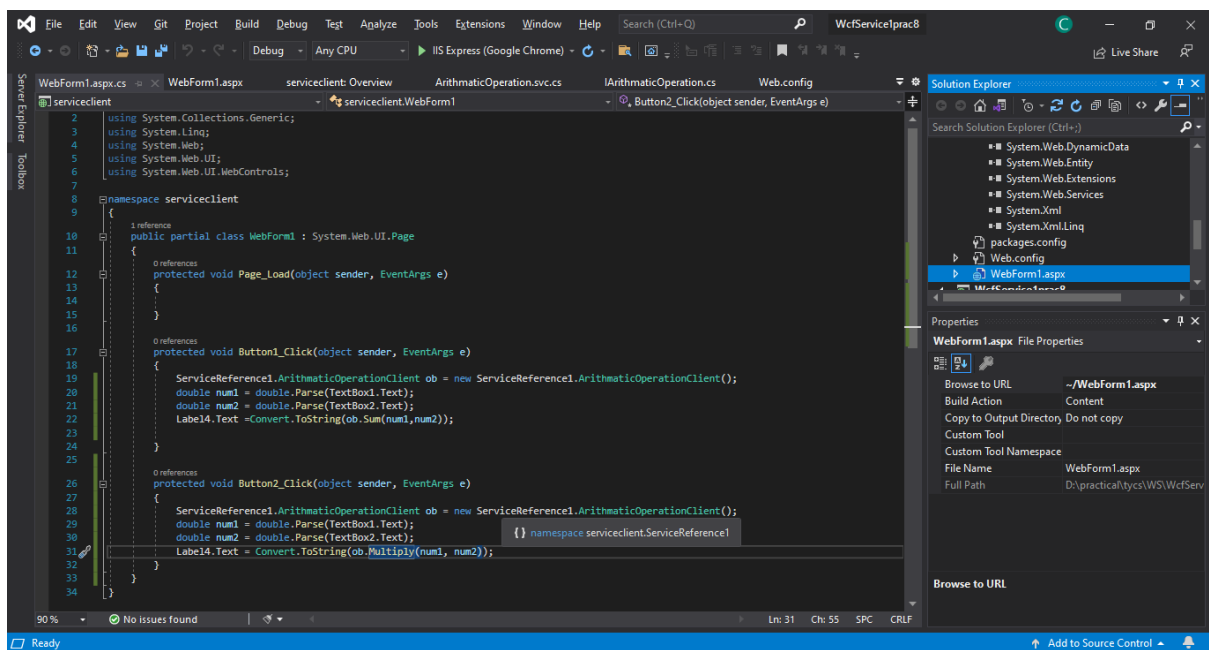
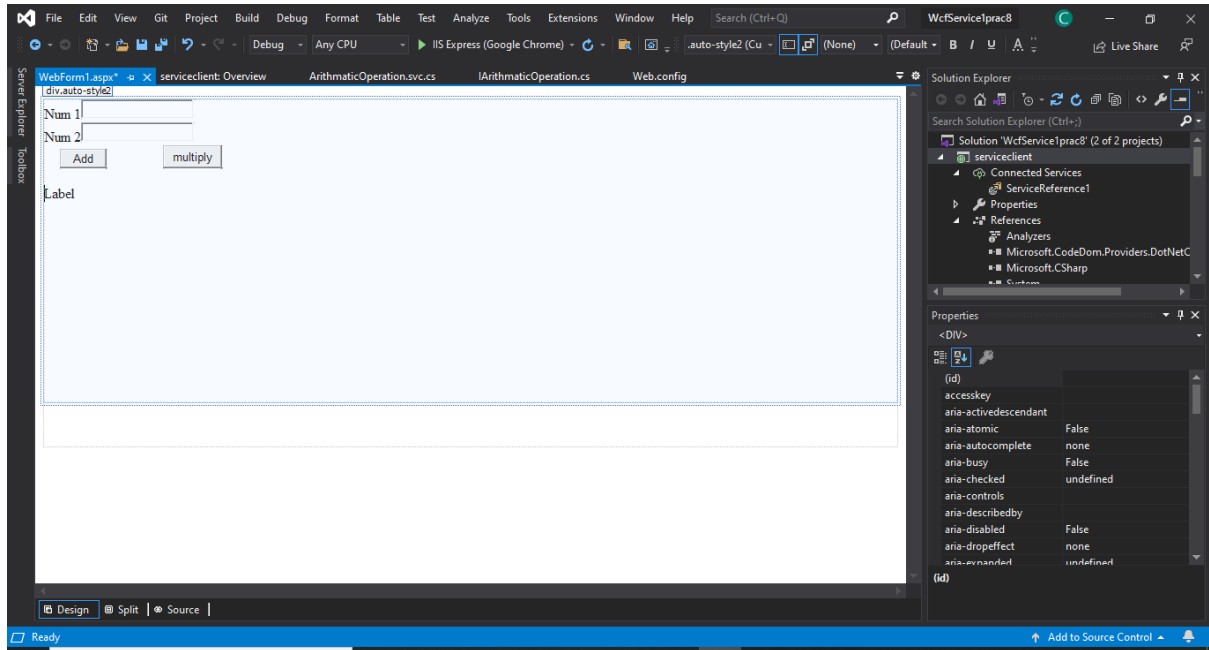




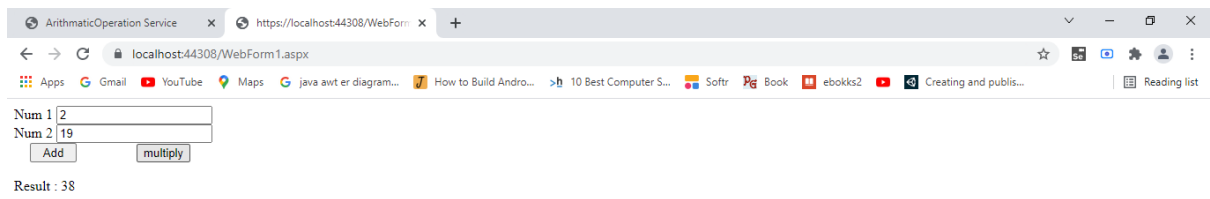
Add new item



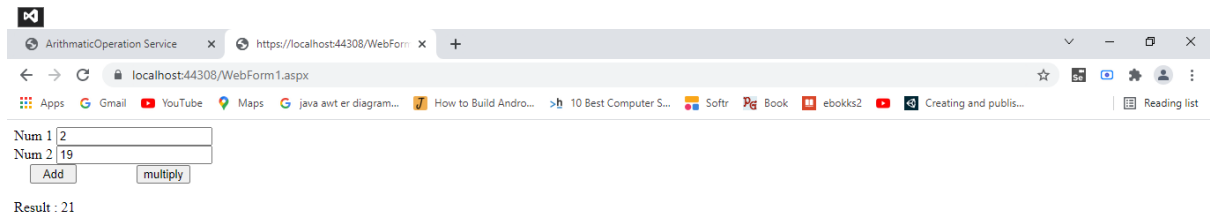
And create the webform like given below



Now run and get the outputs



A screenshot of a web browser window. The address bar shows 'localhost:44308/WebForm1.aspx'. The page contains two input fields: 'Num 1' with the value '2' and 'Num 2' with the value '19'. Below these fields are two buttons: 'Add' and 'multiply'. The 'Add' button is highlighted. Below the buttons, the text 'Result : 38' is displayed.



A screenshot of a web browser window. The address bar shows 'localhost:44308/WebForm1.aspx'. The page contains two input fields: 'Num 1' with the value '2' and 'Num 2' with the value '19'. Below these fields are two buttons: 'Add' and 'multiply'. The 'multiply' button is highlighted. Below the buttons, the text 'Result : 21' is displayed.

