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**Universidad La Salle**

**Procesos de Software**

Informe

**ASP.Net Web Service**

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Sexto Semestre - Ingeniería de Software

2023

**ASP.Net Web Service**

**Por Karlo Pacha Curimayhua**

1. **Crear WS Soap para sumar, restar, multiplicar, dividir.**
   1. **Forma 1**

**[WebMethod]**

**public string Addition(double num1, double num2) => $"{num1 + num2}";**

**[WebMethod]**

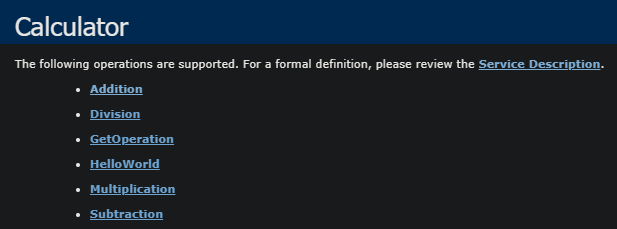
**public string Subtraction(double num1, double num2) => $"{num1 - num2}";**

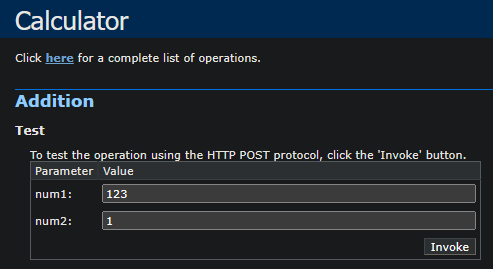
**[WebMethod]**

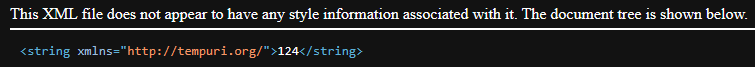
**public string Multiplication(double num1, double num2) => $"{num1 \* num2}";**

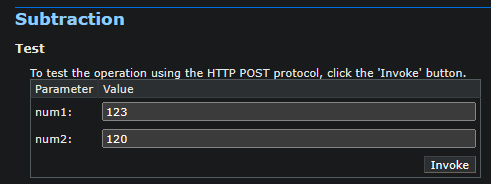
**[WebMethod]**

**public string Division(double num1, double num2) => num2 == 0? "Error: Division by ZERO" : $"{num1 / num2}";**

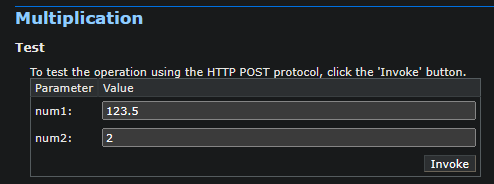
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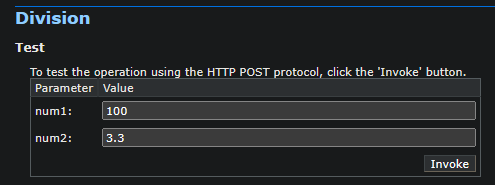
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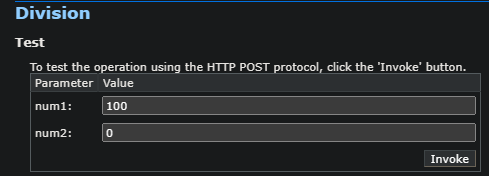
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* 1. **Forma 2**

**public enum ArithmeticOperation : ushort {**

**Addition = '+',**

**Subtraction = '-',**

**Multiplication = '\*',**

**Division = '/'**

**}**

**[WebMethod]**

**public string GetOperation(double num1, double num2, char arithOper) {**

**switch ((ArithmeticOperation)arithOper) {**

**case ArithmeticOperation.Addition:**

**return $"{num1 + num2}";**

**case ArithmeticOperation.Subtraction:**

**return $"{num1 - num2}";**

**case ArithmeticOperation.Multiplication:**

**return $"{num1 \* num2}";**

**case ArithmeticOperation.Division:**

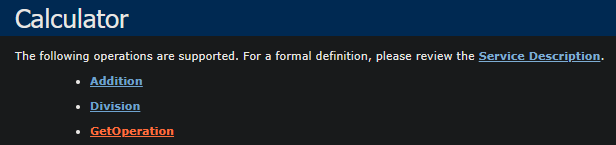
**return num2 == 0 ? "Error: Division by ZERO" : $"{num1 / num2}";**

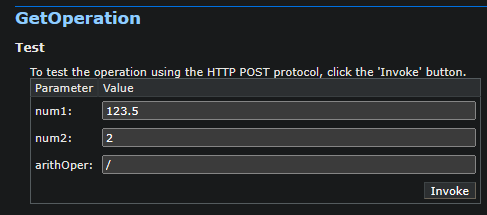
**default:**

**return "Error";**

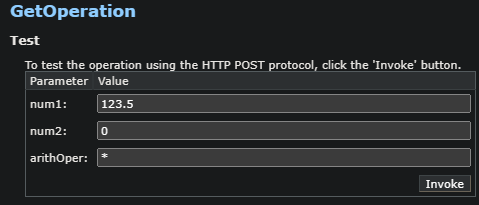
**}**

**}**





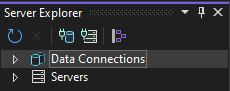




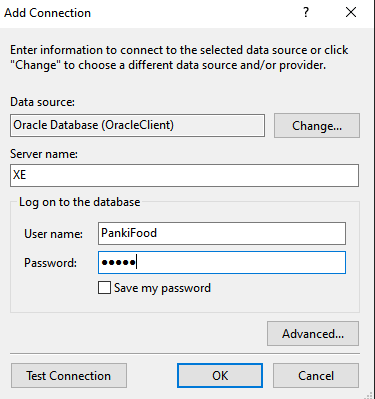


1. **Conexión a BD Oracle.**
   1. **PankiFood (Grupal)**

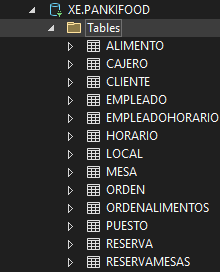
Luego de crear el proyecto ASP.Net, se añade una nueva conexión con clic derecho.



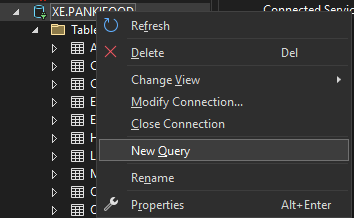
Se ingresan los datos y se continúa.

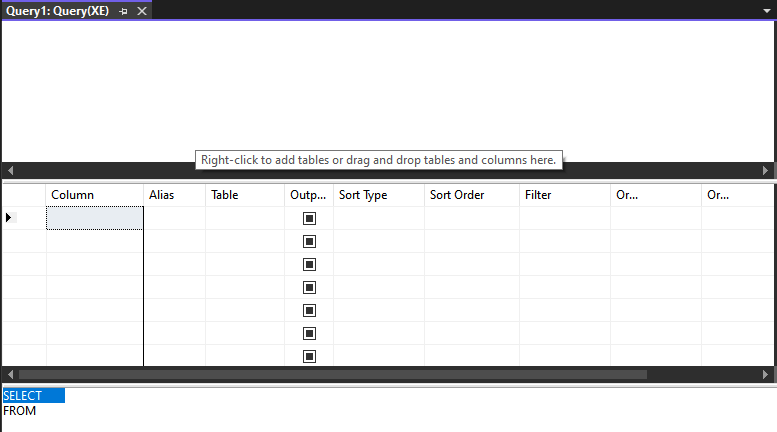


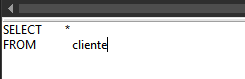
Luego se podrá visualizar la base de datos y sus respectivas tablas.



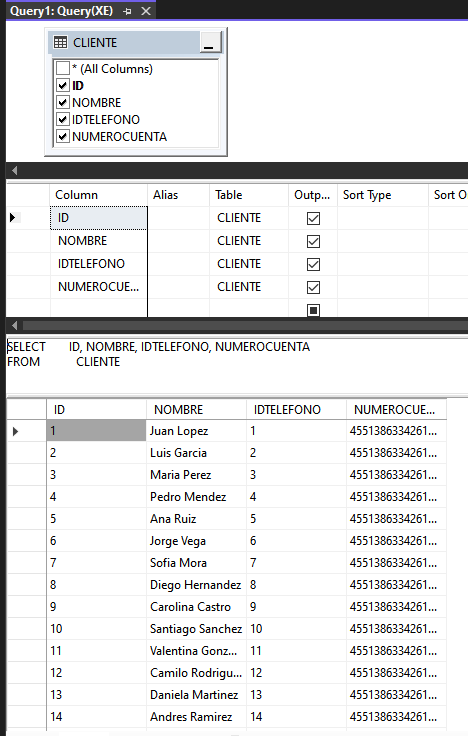
Se añade una nueva query con clic derecho.





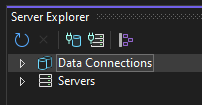


Se ejecuta la query.

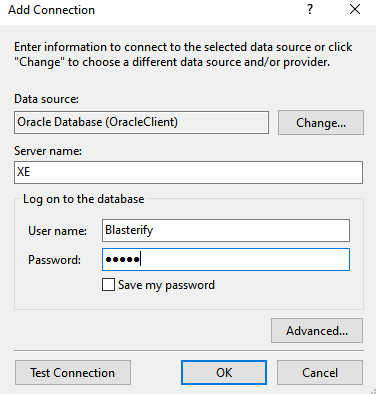


* 1. **Blasterify (Individual)**

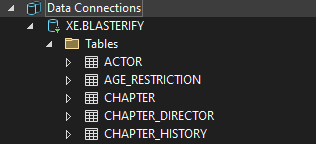
Luego de crear el proyecto ASP.Net, se añade una nueva conexión con clic derecho.



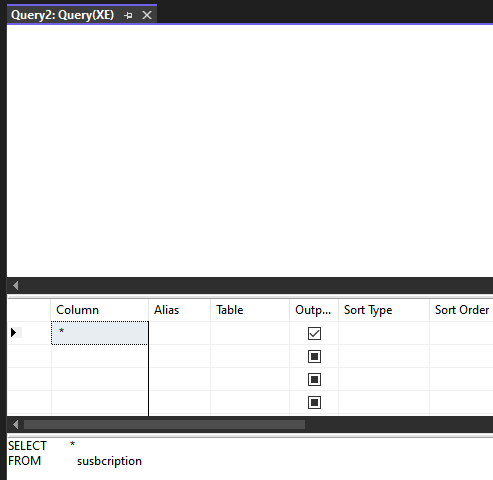
Se ingresan los datos y se continúa.



Luego se podrá visualizar la base de datos y sus respectivas tablas.



Se añade una nueva query con clic derecho.



Se ejecuta la query.

