This Java code defines a server implementation class named ServerImpl that provides implementations for the methods declared in the ServerIntf interface using RMI. Let's break down the code:

Import Statements:

import java.rmi.\*;: Imports classes related to RMI (Remote Method Invocation).

import java.rmi.server.\*;: Imports classes related to RMI server implementation.

Class Declaration:

public class ServerImpl extends UnicastRemoteObject implements ServerIntf { ... }: Declares a class named ServerImpl that extends UnicastRemoteObject class and implements ServerIntf interface. This class provides the implementation for remote methods defined in the ServerIntf interface.

Constructor:

public ServerImpl() throws RemoteException { ... }: Constructor of ServerImpl class. It throws a RemoteException because it extends UnicastRemoteObject.

Remote Method Implementations:

public double addition(double num1, double num2) throws RemoteException { ... }: Implementation of the addition method declared in the ServerIntf interface. It takes two double parameters num1 and num2, and returns their sum.

public double substraction(double num1, double num2) throws RemoteException { ... }: Implementation of the substraction method. It takes two double parameters num1 and num2, and returns their difference.

public double multiplication(double num1, double num2) throws RemoteException { ... }: Implementation of the multiplication method. It takes two double parameters num1 and num2, and returns their product.

public double division(double num1, double num2) throws RemoteException { ... }: Implementation of the division method. It takes two double parameters num1 and num2, and returns their division result. It also handles the case where num2 is zero by printing a message and returning NaN.

Purpose:

This class serves as the server-side implementation of the remote methods defined in the ServerIntf interface. When clients invoke these remote methods, the corresponding methods in this class are executed on the server.

Usage:

Objects of this class will be instantiated on the server side. Clients will obtain references to these server objects through RMI and invoke remote methods on them.