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| **StrategyDemo.java** |
| **Line** | **Code** |
| **1****2****3****4****5****6****7****8****9****10****11****12****13****14****15****16****17****18****19****20****21****22****23****24****25****26****27****28****29****30****31****32****33****34****35****36****37****38****39****40****41****42****43****44****45****46** | **using** System;**namespace** Strategy { **interface** Strategy { **int** doOperation(**int** num1, **int** num2); } **class** OperationAdd : Strategy { **public int** doOperation(**int** num1, **int** num2) { **return** num1 + num2; } } **class** OperationSubstract : Strategy { **public int** doOperation(**int** num1, **int** num2) { **return** num1 - num2; } } **class** OperationMultiply : Strategy { **public int** doOperation(**int** num1, **int** num2) { **return** num1 \* num2; } } **class** Context { **private** Strategy strategy; **public** Context(Strategy strategy) { **this**.strategy = strategy; } **public int** executeStrategy(**int** num1, **int** num2) { **return** strategy.doOperation(num1, num2); } } **class** Program { **static void** Main(**string**[] args) { Context context = **new** Context(**new** OperationAdd()); Console.WriteLine("10 + 5 = " + context.executeStrategy(10, 5)); context = **new** Context(**new** OperationSubstract()); Console.WriteLine("10 - 5 = " + context.executeStrategy(10, 5)); context = **new** Context(**new** OperationMultiply()); Console.WriteLine("10 \* 5 = " + context.executeStrategy(10, 5)); Console.ReadKey(); } }} |