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| **FactoryMethod** |
| **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****47****48****49****50****51****52****53****54****55** | **using** System;**namespace** FactoryMethod{ **class** Program{ **enum** Month { JAN,FEB,MAR,APR,MAY,JUN,JUL,AUG,SEP,OCT,NOV,DEC} **interface** Avocados { **string** ShipFrom(); } **class** AvocadosAfrica : Avocados{ **public** String ShipFrom(){ **return** "from South Africa"; } } **class** AvocadosSpain : Avocados{ **public** String ShipFrom(){ **return** "from Spain"; } } **class** AvocadosChina : Avocados { **public** String ShipFrom() { **return** "from China"; } } **interface** AvocadosSupplier { Avocados DeliverAvocados(Month month); } **class** AhChongSdnBhd: AvocadosSupplier { **public** Avocados DeliverAvocados(Month month){ **switch**(month) { **case** Month.JAN: **case** Month.FEB: **case** Month.DEC: **return new** AvocadosSpain(); **case** Month.APR: **case** Month.MAY: **case** Month.JUN: **case** Month.JUL: **return new** AvocadosChina(); **case** Month.AUG: **case** Month.SEP: **case** Month.OCT: **case** Month.NOV: **return new** AvocadosAfrica(); **default**: **return null**; } } } **static void** Main(){ AvocadosSupplier FruitSupplier = **new** AhChongSdnBhd(); **foreach** (Month m **in** Enum.GetValues(**typeof**(Month))) { Avocados avocados = FruitSupplier.DeliverAvocados(m); **if** (avocados == **null**) Console.WriteLine("No avocados"); **else** Console.WriteLine("{0}:Avocados {1}",m,avocados.ShipFrom()); } Console.ReadKey(); } }} |