

Class Test

F.M. = 10

1. Write a program in support of a Dessert Shoppe which sells candy by the pound, cookies by the dozen, ice cream, and sundaes (ice cream with a topping) by pound. Your program will be used for the checkout system.

To do this, you will implement an inheritance hierarchy of classes derived from a `DessertItem` abstract superclass.

The `Candy`, `Cookie`, and `IceCream` classes will be derived from the `DessertItem` class. The `Sundae` class will be derived from the `IceCream` class.

You will also write a `Checkout` class which maintains a list (`Vector`) of `DessertItem`'s and their quantities.