Peclaring a factory method

With just a couple of transformations to the PizzaStore class, we've gone from having an object handle the instantiation of our concrete classes to a set of subclasses that are now taking on that responsibility. Let's take a closer look:

```
The subclasses of
PizzaStore handle object
                                                                        instantiation for us in the
public abstract class PizzaStore {
                                                                         createPizza() method
    public Pizza orderPizza(String type) {
          Pizza pizza;
                                                                           NYStylePizzaStore
                                                                         createPizza()
          pizza = createPizza(type);
          pizza.prepare();
                                                                                        ChicagoStylePizzaStore
          pizza.bake();
                                                                                        createPizza()
          pizza.cut();
          pizza.box();
          return pizza;
                                                                             All the responsibility for
                                                                             instantiating Pizzas has
     protected abstract Pizza createPizza (String type);
                                                                             been moved into a method
                                                                             that acts as a factory.
     // other methods here
}
               Code Up Close
           A factory method handles object creation and encapsulates it in a
                                                                                         A factory method may
           subclass. This decouples the client code in the superclass from the
                                                                                         be parameterized (or
           object creation code in the subclass.
                                                                                         not) to select among
                                                                                         several variations of a
                                                                                          product.
                     abstract Product factoryMethod(String type)
       A factory method
                                                                    A factory method isolates the client (the
       is abstract so the
                                 A factory method returns
                                                                    code in the superclass, like orderPizza())
       subclasses are counted
                                 a Product that is typically
                                                                    from knowing what kind of concrete
       on to handle object
                                 used within methods
                                                                    Product is actually created.
                                 defined in the superclass.
       creation.
```