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package com.itbulls.learnit.javacore.oop.classes.typesofclasses;

import com.itbulls.learnit.javacore.oop.classes.Cart;
import com.itbulls.learnit.javacore.oop.classes.Cart.Discount;
import com.itbulls.learnit.javacore.oop.classes.Cart.Tax;

public class Demo {

    public static void main(String[] args) {

        User user = new User();

        //      // === init static nested class
        Tax tax = new Cart.Tax("someTaxType", 0);

        //
        //      // === init inner class
        Discount discount = new Cart().new Discount("firstClientDiscount", 0);

        //      // === Abstract class demo
        //      Product product = new Product(); // can't create instance of an abstract class
        MasterProduct masterProduct = new MasterProduct();
        VariantProduct variantProduct = new VariantProduct();

        masterProduct.setName("Mercedes S-klass");
        variantProduct.setDeliveryAvailable(true);

        //      // === Anonymous class demo
        Product product = new Product() {

            @Override
            public boolean isAvailableInStock() {

                return false;

            }

        }
    }
}

```

};

}

}