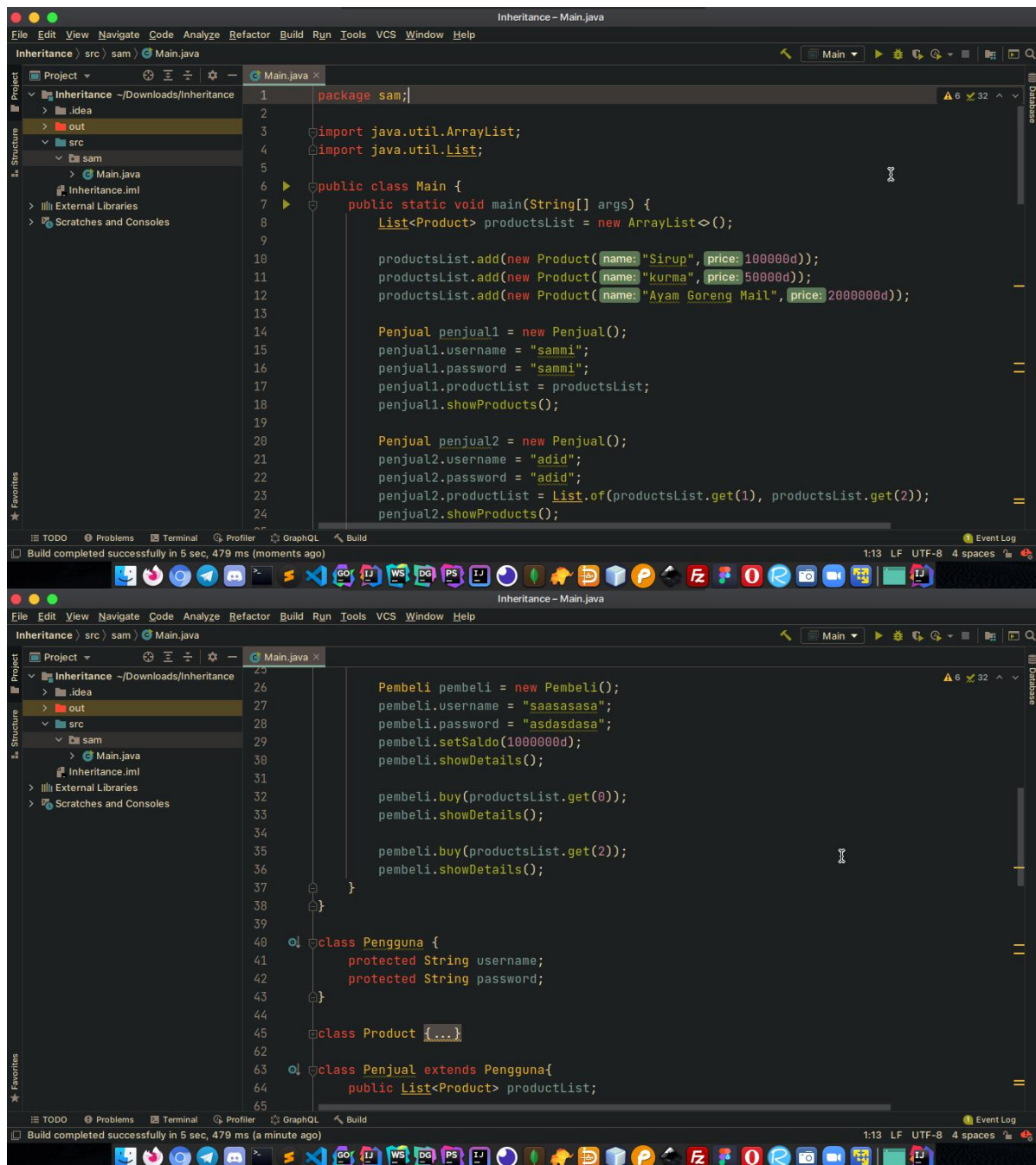


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Source code tugas:

<https://github.com/SemmiDev/PBO/blob/master/src/com/sammidev/Inheritance/src/sam/Main.java>



```
package sam;

import java.util.ArrayList;
import java.util.List;

public class Main {
    public static void main(String[] args) {
        List<Product> productsList = new ArrayList<>();

        productsList.add(new Product(name: "Sirup", price: 100000d));
        productsList.add(new Product(name: "kurma", price: 50000d));
        productsList.add(new Product(name: "Ayam Goreng Mail", price: 200000d));

        Penjual penjual1 = new Penjual();
        penjual1.username = "sammi";
        penjual1.password = "sammi";
        penjual1.productList = productsList;
        penjual1.showProducts();

        Penjual penjual2 = new Penjual();
        penjual2.username = "adid";
        penjual2.password = "adid";
        penjual2.productList = List.of(productsList.get(1), productsList.get(2));
        penjual2.showProducts();
    }
}

class Pembeli {
    String username;
    String password;
    double saldo;

    Pembeli() {}
    Pembeli(String username, String password, double saldo) {
        this.username = username;
        this.password = password;
        this.saldo = saldo;
    }

    void showDetails() {
        System.out.println("Pembeli: " + username + ", Password: " + password + ", Saldo: " + saldo);
    }

    void buy(Product product) {
        if (saldo >= product.getPrice()) {
            saldo -= product.getPrice();
            System.out.println("Pembeli " + username + " membeli " + product.getName() + " seharga " + product.getPrice());
        } else {
            System.out.println("Saldo tidak cukup untuk membeli " + product.getName());
        }
    }
}

class Pengguna {
    protected String username;
    protected String password;
}

class Product {
    String name;
    double price;

    Product(String name, double price) {
        this.name = name;
        this.price = price;
    }

    String getName() {
        return name;
    }

    double getPrice() {
        return price;
    }
}

class Penjual extends Pengguna {
    List<Product> productList;

    Penjual() {}
    Penjual(String username, String password, List<Product> productList) {
        this.username = username;
        this.password = password;
        this.productList = productList;
    }

    void showProducts() {
        System.out.println("Penjual: " + username + ", Password: " + password);
        for (Product product : productList) {
            System.out.println("Produk: " + product.getName() + ", Harga: " + product.getPrice());
        }
    }
}
```

