```java
public class Product {

	private String name;
	private double price;

    // Constructor with parameters
	public Product(String name, double price)
	{
		this.name = name;
		this.price = price;
	}

	// Copy constructor

	public Product(Product PP)
	{
		this.name = PP.name;
		this.price = PP.price;
	}



	public String getName() {
		return name;
	}

	public void setName(String name) {
		this.name = name;
	}

	public double getPrice() {
		return price;
	}

	public void setPrice(double price) {
		this.price = price;
	}

	public void display()
	{
		System.out.println("The name is: " + name);
		System.out.println("The price is : " + price);
	}
}
```

```java
public class ProductGroup {

	private String name;
	private Product[] PDP;
	private int nbp;

	public ProductGroup(String name, int size)
	{
		this.name = name;
		PDP = new Product[size];
		nbp =0;
	}

	//AddProduct in Composition
	public boolean addProduct(Product PP)
	{
		if(nbp < PDP.length)
		{
			PDP[nbp] = new Product(PP);
			nbp++;
			return true;
		}
		else
			return false;
	}

	public void display()
	{
		System.out.println("The name of the Group is: " + name);
		System.out.println("The products are:");

		for(int i=0; i<nbp; i++)
			PDP[i].display();
	}

}
```

```java
public class PurchaseGroup {
	private String name;
	private Product[] PRP;
	private int nbp;

	public PurchaseGroup(String name, int size)
	{
		this.name = name;
		PRP = new Product[size];
		nbp =0;
	}

	//addProduct in Aggregation
	public boolean addProduct(Product PP)
	{
		if(nbp < PRP.length)
		{
			PRP[nbp] = PP;
			nbp++;
			return true;
		}
		else
			return false;
	}

	public void display()
	{
		System.out.println("The name of the Group is: " + name);
		System.out.println("The products to be ordered are:");

		for(int i=0; i<nbp; i++)
			PRP[i].display();
	}

}
```

```java
public class test_productGroup {

	public static void main(String[] args) {

		ProductGroup PG1 = new ProductGroup("Al Marai", 1000);

		Product P1 = new Product("Milk",6.5);
		Product P2 = new Product("Juice",10);
		Product P3 = new Product("Labnah",15);

		// Composition
		PG1.addProduct(P1);
		PG1.addProduct(P2);
		PG1.addProduct(P3);

		PG1.display();

		System.out.println("=========================");

		//Aggregation
		PurchaseGroup Pur1 = new PurchaseGroup("Almarai", 100);

		Pur1.addProduct(P1);
		Pur1.addProduct(P3);

		Pur1.display();

	}

}
```