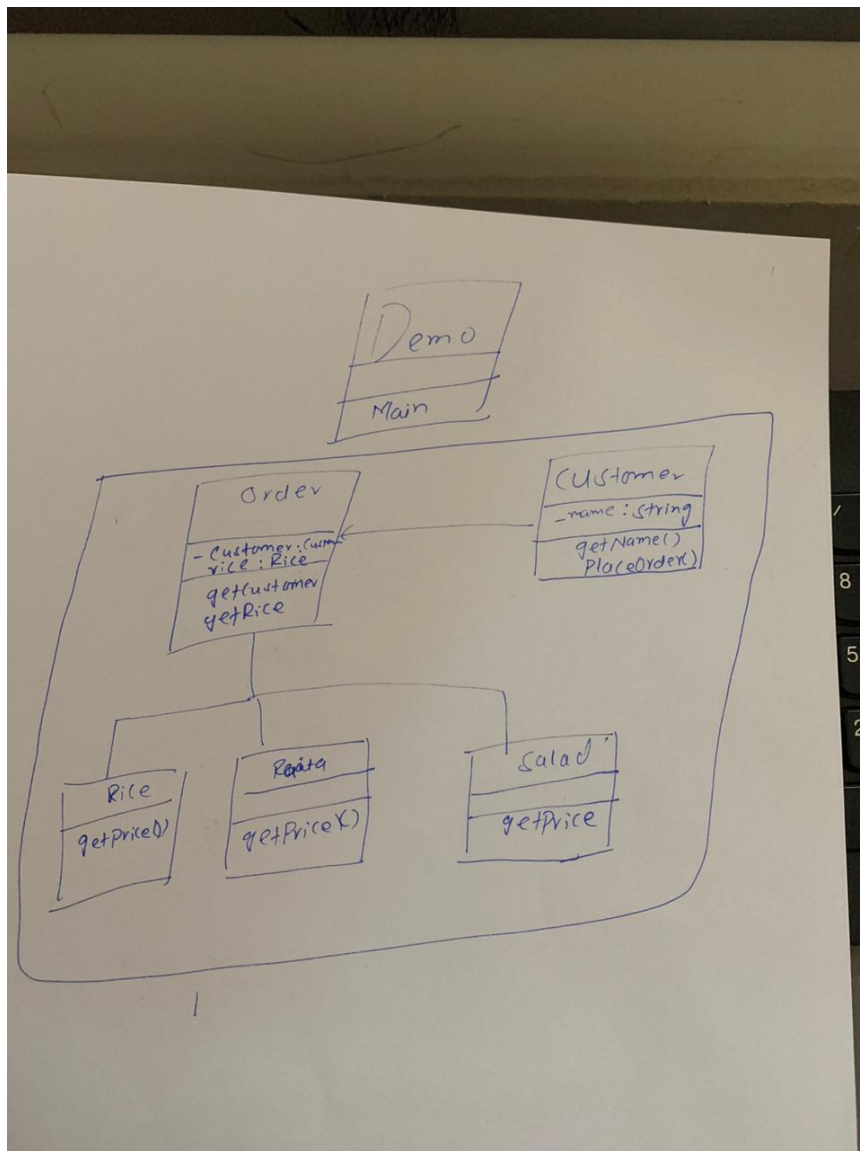


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Code:

// Customer.java

```
public class Customer {
```

```
    private String name;
```

```
    public Customer(String name) {
```

```
    this.name = name;
}
```

```
public String getName() {
    return name;
}
```

```
public void placeOrder(Order order) {
    // Send the order to the kitchen
}
}
```

// Order.java

```
public class Order {
    private Customer customer;
    private Rice rice;

    public Order(Customer customer, Rice rice) {
        this.customer = customer;
        this.rice = rice;
    }
}
```

```
public Customer getCustomer() {
    return customer;
}
```

```
public Rice getRice() {
    return rice;
}
```

```
public void prepare() {  
    // Prepare the rice in the kitchen  
}  
}
```

// Rice.java

```
public interface Rice {  
    String getDescription();  
    double getPrice();  
}
```

// BasicRice.java

```
public class BasicRice implements Rice {  
    @Override  
    public String getDescription() {  
        return "Basic rice";  
    }  
}
```

```
    @Override  
    public double getPrice() {  
        return 10.00;  
    }  
}
```

// RiceDecorator.java

```
public abstract class RiceDecorator implements Rice {  
    private Rice rice;
```

```
public RiceDecorator(Rice rice) {  
    this.rice = rice;  
}
```

```
@Override  
public String getDescription() {  
    return rice.getDescription() + " with " + getTopping();  
}
```

```
@Override  
public double getPrice() {  
    return rice.getPrice() + getToppingPrice();  
}
```

```
protected abstract String getTopping();  
protected abstract double getToppingPrice();  
}
```

```
// RaitaRiceDecorator.java
```

```
public class RaitaRiceDecorator extends RiceDecorator {  
    public RaitaRiceDecorator(Rice rice) {  
        super(rice);  
    }  
}
```

```
@Override  
protected String getTopping() {  
    return "raita";  
}
```

```
@Override  
protected double getToppingPrice() {  
    return 2.00;  
}  
}
```

// SaladRiceDecorator.java

```
public class SaladRiceDecorator extends RiceDecorator {  
    public SaladRiceDecorator(Rice rice) {  
        super(rice);  
    }  
}
```

```
@Override  
protected String getTopping() {  
    return "salad";  
}  
}
```

```
@Override  
protected double getToppingPrice() {  
    return 3.00;  
}  
}
```

// OrderSystem.java

```
public class OrderSystem {  
    public static void main(String[] args) {  
        Customer customer = new Customer("Alice");  
  
        // Create a basic rice order
```

```
Rice rice = new BasicRice();

// Add toppings to the rice
Rice raitaRice = new RaitaRiceDecorator(rice);
Rice saladRice = new SaladRiceDecorator(rice);

// Place an order for each type of rice
Order raitaRiceOrder = new Order(customer, raitaRice);
Order saladRiceOrder = new Order(customer, saladRice);

// Place the orders with the kitchen
customer.placeOrder(raitaRiceOrder);
customer.placeOrder(saladRiceOrder);
}
}
```