

گام ۱:

۱. پیاده‌سازی PhoneOrderService :

```
package PaymentServices;

public class PhoneOrderService implements OrderService {

    @Override
    public void onSiteOrderRegister(String customerName) {
    }

    @Override
    public void onlineOrderRegister(String customerName) {
    }

    @Override
    public void onSiteOrderPayment(int foodPrice) {
    }

    @Override
    public void onlineOrderPayment(int foodPrice) {
    }

    @Override
    public void phoneOrderRegister(String customerName) {
        System.out.println("Phone order has been registered for user " +
customerName);
    }

    @Override
    public void phoneOrderPayment(int foodPrice) {
        System.out.println("Phone order payment with: " + foodPrice +
"Tomans");
    }
}
```

۲. پیاده‌سازی توابع ثبت سفارش تلفنی و پرداخت سفارش تلفنی در OrderService:

```
3. package PaymentServices;

public interface OrderService {
    void onSiteOrderRegister(String customerName);
    void onlineOrderRegister(String customerName);
    void onSiteOrderPayment(int foodPrice);
    void onlineOrderPayment(int foodPrice);
    void phoneOrderRegister(String customerName);
    void phoneOrderPayment(int foodPrice);
}
```

۴. اضافه کردن قابلیت سفارش تلفنی:

```

5. import PaymentServices.OnSiteOrderService;
import PaymentServices.OnlineOrderService;
import PaymentServices.PhoneOrderService;
import PaymentServices.OrderService;

import java.util.Scanner;

public class Main {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        OrderService orderService = null;
        String customerName;
        Order order;
        int customerAnswerForOrder = 0;
        int customerAnswerForPaymentMethod = 0;

        System.out.println("Enter Customer Name : ");
        customerName = scanner.nextLine();
        order = new Order(customerName);

        // Step 1 : Select Order Items
        while (customerAnswerForOrder != 3) {
            System.out.println("For Ordering Sandwich enter 1.");
            System.out.println("For Ordering Pizza enter 2.");
            System.out.println("For submit your order enter 3");
            customerAnswerForOrder = scanner.nextInt();

            if (customerAnswerForOrder == 1) {
                order.addItem(new Food("sandwich", 1000));
            } else if (customerAnswerForOrder == 2) {
                order.addItem(new Food("pizza", 2000));
            }
        }

        // Step 2 : Select Payment Method
        System.out.println("Enter Your Payment Method (1 for online, 2
for on-site, 3 for phone):");
        customerAnswerForPaymentMethod = scanner.nextInt();

        if (customerAnswerForPaymentMethod == 1) {
            orderService = new OnlineOrderService();
            orderService.onlineOrderRegister(customerName);

            orderService = new PhoneOrderService();
            orderService.onlineOrderRegister(customerName);
        } else if (customerAnswerForPaymentMethod == 2) {
            orderService = new OnSiteOrderService();
            orderService.onSiteOrderRegister(customerName);

            orderService = new PhoneOrderService();
            orderService.onSiteOrderRegister(customerName);
        } else if (customerAnswerForPaymentMethod == 3) {
            orderService = new PhoneOrderService();
            orderService.phoneOrderRegister(customerName);
        }
    }
}

```

```
// Step 3 : Pay the price
System.out.println("Pay Price:");
if (orderService instanceof PhoneOrderService) {
    orderService.phoneOrderPayment(order.getTotalPrice());
} else if (orderService instanceof OnlineOrderService) {
    orderService.onlineOrderPayment(order.getTotalPrice());
} else if (orderService instanceof OnSiteOrderService) {
    orderService.onSiteOrderPayment(order.getTotalPrice());
}

// Finally, Print Bill
System.out.println(order);
}
}
```