Problem 4: Order food in a restaurant

Objects and behaviors:

Phone:
    Data: ApplicationForOrderingFood
    Behavior: connectToInternet

Internet:
    Data: AmazonRestaurant, WholeFoods, PizzaHut
    : Collection of Websites
    Behavior: searchForElectricityWebsites

User:
    Data: Name, Phone, Address, deliveredTime
    Behaviors: login, search, order, select, sort, cancel, return, review

Application:
    Data: ListOfRestaurant
    Behavior:

Restaurant:
    Data: Name, Phone, Address, flavor, collectionOfFood
    Behaviors: confirmOrder, deliver

Credit Card:
    Data: Name, bankName, cardNumber, address, securityCode, expiry
    Behavior:

Bank:
    Data:
    Behavior: authorizeTransaction

Sequence of invoking behaviors on objects

OrderFoodInARestaurant

User kai;
Application AmazonRestaurant;

if the Internet. isAvailable
kai.loginToApp -> userName, pin : connected
kai.searchDesirableFlavor -> flavor : listOfRestaurant
kai.searchDesirableRestaurant -> RestaurantName : RestaurantWebsite

```
kai.orderFood -> Food : confirmation
if deliveringNow
      kai.placeTheOrder -> creditCard, address : confirmation
else
    kai.selectDeliverTime -> time : confirmation
end
bank.authorizeTransaction
```