Product class
Seller seller
String name
double price
int quantity
Arraylist<Product> comments
Arraylist<Double> rating
Constructor and getters and setters

Household extends Product
String brand
String material
Constructor and getter and setters

Cars extends Vehicles
int num
double volume
String wheel
Constructor and getter and setters

Instruments extends Product
String brand
String type
String color
String madeYear
Constructor and getter and setters

Edible extends groceries
String texture
Constructor and getter and setters

Accessory extends Product
String brand
String color
String material
Constructor and getter and setters

Makeup extends Product
String brand
String date
String expire
String color
String material
Constructor and getter and setters

HouseDecoration extends Household
String color
String pattern
Constructor and getter and setters

Books extends Product
String author
String genre
int yearOfPublish
String ISBN
Constructor and getter and setters

Sports extends Product
String brand
Constructor and getter and setters

Kitchen extends Household
Constructor and getter and setters

Electronics extends Product
String brand
int madeyear
String color
Constructor and getter and setters

Vehicles extends Product
String brand
double weight
int horsePower
double zerohundred
String color
String fueltype
int madeYear
Constructor and getter and setters

Motorcycle extends Vehicles
String motorType
int CC
Constructor and getter and setters

FormalClothes extends Product
String brand
String madeCountry
String size
String material
Constructor and getter and setters

ScreenElectronic extends Electronics
String resolution
double height
double width
double hours
int storage
Constructor and getter and setters

Beverage extends Groceries
String brand
String type
String contain
Constructor and getter and setters

Groceries extends Product
String date
String expire
String taste
Constructor and getter and setters

Main class
runMenu()
userMenu()
adminMenu()
sellerMenu()

Admin class
String username
String password
String email

User class
String username
String password
String email
int phone
Arraylist shoppingCart
Arraylist orders
Arraylist purchased
double wallet
boolean sub

Seller class
String company
String password
Arraylist available
double wallet
boolean allowed