```
1.
class BankAccount:
    def __init__(self, account_holder_name, account_number, balance=0):
        self.account_holder_name = account_holder_name
        self.account_number = account_number
        self.balance = balance

    def deposit(self, amount):
        if amount > 0:
            self.balance += amount
            print(f"Deposited: {amount}. New balance: {self.balance}")
        else:
            print("Deposit amount must be positive.")

    def withdraw(self, amount):
        if amount <= 0:
            print("Withdrawal amount must be positive.")
        elif amount > self.balance:
            print("Insufficient balance.")
        else:
            self.balance -= amount
            print(f"Withdrew: {amount}. New balance: {self.balance}")

    def check_balance(self):
        print(f"Account balance: {self.balance}")


account = BankAccount("Harini", "261306", 1000)
account.check_balance()
account.deposit(500)
account.withdraw(200)
account.check_balance()



2.
class Cosmetics:
    def __init__(self, name="Red Lipstick", brand="L'Oreal", price=500, category="Lip care"):

        self.name = name
        self.brand = brand
        self.price = price
        self.category = category

    def show(self):
```

```python
        print(f"Product Name: {self.name}")
        print(f"Brand: {self.brand}")
        print(f"Price: {self.price}")
        print(f"Category: {self.category}")


product1 = Cosmetics()
product1.show()
```