1) BankApplication.java→BLC

```java
package com.scanner;
public class BankApplication {
    private String customerName;
    private String customerAddress;
    private long phoneNumber;
    private double balance;
    public BankApplication(String customerName, String customerAddress,
long phoneNumber, double balance) {
        this.customerName = customerName;
        this.customerAddress = customerAddress;
        this.phoneNumber = phoneNumber;
        this.balance = balance;
        System.out.println("Account Created Successfully!");
    }
    public void deposit(double amount) {
        if (amount <= 0) {
            System.out.println("Invalid deposit amount. Please enter a positive
value.");
        } else {
            balance += amount;
            System.out.println("Deposit successful, available balance: " +
balance);
        }
    }
    public void withdraw(double amount) {
        if (amount <= 0) {
            System.out.println("Invalid withdrawal amount.");
        } else if (amount > balance) {
            System.out.println("Insufficient funds.");
        } else {
            balance -= amount;
```

```java
        System.out.println("Withdrawal successful, remaining balance: " +
balance);
    }
  }
  public void showBalance() {
    System.out.println("Your balance is " + balance);
  }
}
```

ELC

```java
package com.scanner;
import java.util.Scanner;
public class BankAppMain {
  public static void main(String[] args) {
    Scanner scanner = new Scanner(System.in);
    System.out.print("Enter your name: ");
    String name = scanner.nextLine();
    System.out.print("Enter your address: ");
    String address = scanner.nextLine();
    System.out.print("Enter your phone number: ");
    long phone = scanner.nextLong();
    System.out.print("Enter your initial deposit balance: ");
    double initialBalance = scanner.nextDouble();
    BankApplication account = new BankApplication(name, address,
phone, initialBalance);
    while (true) {
      System.out.println("\n---- Select an Option from Below------");
      System.out.println("1. Withdraw");
      System.out.println("2. Deposit");
      System.out.println("3. Show Balance");
      System.out.println("4. Exit");
      System.out.print("Enter your option [1-4]: ");
```

```java
        int choice = scanner.nextInt();
        switch (choice) {
            case 1:
                System.out.print("Enter your withdrawal amount: ");
                double withdrawAmount = scanner.nextDouble();
                account.withdraw(withdrawAmount);
                break;
            case 2:
                System.out.print("Enter deposit money: ");
                double depositAmount = scanner.nextDouble();
                account.deposit(depositAmount);
                break;
            case 3:
                account.showBalance();
                break;
            case 4:
                System.out.println("Thank You!");
                scanner.close();
                return;
            default:
                System.out.println("Invalid option");
        }
    }
}
}
```