

PROGRAM 1:

```
class Bank {  
    private double amount;  
    public Bank(double amount) {  
        this.amount = amount;  
    }  
    public void withdraw(double withdrawalAmount) {  
        String message = (withdrawalAmount <= amount) ? "Withdraw successful" :  
"Insufficient funds"  
        amount = (withdrawalAmount <= amount) ? amount - withdrawalAmount : amount;  
        System.out.println(message);  
    }  
    public void deposit(double depositAmount) {  
        amount += depositAmount;  
    }  
    public void displayBalance() {  
        System.out.println("Total balance: " + amount);  
    }  
}  
  
public class Main {  
    public static void main(String[] args) {  
        Bank account = new Bank(10000);  
        account.withdraw(5000);  
        account.deposit(5000);  
        account.displayBalance();  
    }  
}
```

Program 2:

```
import java.util.Scanner;

public class Main {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter first number: ");

        int num1 = scanner.nextInt();

        System.out.print("Enter second number: ");

        int num2 = scanner.nextInt();

        int max = (num1 > num2) ? num1 : num2;

        System.out.println("Maximum number: " + max);

    }

}
```

Program 3:

```
(1) public class Bank
{
    private double amount;
}
```

```
(2) public class Bank
{
    private double amount;

    public Bank(double amount) {
        this.amount = amount;
    }
}
```

```
}
```

```
(3) public class Bank
    {
private double amount{
public Bank(double amount) {
    this.amount = amount;
}
public void withdraw(double withdrawalAmount) {
}
public void deposit(double depositAmount) {
}
}
```

```
(4) public class Bank {
private double amount;
public Bank(double amount) {
    this.amount = amount;
}
public void withdraw(double withdrawalAmount) {
    if (withdrawalAmount <= amount) {
        System.out.println("Withdraw successful");
        amount -= withdrawalAmount;
    } else {
        System.out.println("Insufficient funds");
    }
}
```

```

    }
}

public void deposit(double depositAmount) {
    amount += depositAmount;
}

public void displayBalance() {
    System.out.println("Total balance: " + amount);
}
}

```

PROGRAM 4:

```

import java.util.Scanner;

public class Main {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter first number: ");
        int num1 = scanner.nextInt();
        System.out.print("Enter second number: ");
        int num2 = scanner.nextInt();
        int max = (num1 > num2) ? num1 : num2;
        System.out.println("Maximum number: " + max);
    }
}

```