Source code:

```java
package tugasCalculator;

import java.util.Scanner;

public class calculator {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);

        double total = 0.0;
        double num1;
        double num2;
        int choice = 0;

        while(choice != 7) {
            if(choice != 0) System.out.println();
            System.out.println("Calculator Raynard Chandrawangsa");
            System.out.println("====================================");

            System.out.println("Total = " + total + "\n");

            if(choice == 0 || choice == 6) {
                System.out.print("Input number : ");
                num1 = input.nextInt();
            }
            else {
                num1 = total;
            }

            System.out.println("1. Addition");
            System.out.println("2. Substraction");
            System.out.println("3. Multiplication");
            System.out.println("4. Division");
            System.out.println("5. Modulo");
            System.out.println("6. Clear Total");
            System.out.println("7. Exit");
            System.out.print("Operator [1...7]: ");
            choice = input.nextInt();

            if(choice == 6) {
                total = 0.0;
                continue;
```

```
            }
            else if(choice == 7) {
                break;
            }

            System.out.print("Input number : ");
            num2 = input.nextInt();

            switch(choice) {
                case 1:
                    total = num1 + num2;
                    break;

                case 2:
                    total = num1 - num2;
                    break;

                case 3:
                    total = num1 * num2;
                    break;

                case 4:
                    total = num1 / num2;
                    break;

                case 5:
                    total = num1 % num2;
                    break;
            }
        }
    }

}
```

Hasil eksekusi program:

```
Calculator Raynard Chandrawangsa
====================================
Total = 0.0

Input number : 1
1. Addition
2. Substraction
3. Multiplication
4. Division
5. Modulo
6. Clear Total
7. Exit
Operator [1...7]: 1
Input number : 4

Calculator Raynard Chandrawangsa
====================================
Total = 5.0

1. Addition
2. Substraction
3. Multiplication
4. Division
5. Modulo
6. Clear Total
7. Exit
Operator [1...7]: 2
Input number : 3

Calculator Raynard Chandrawangsa
====================================
Total = 2.0

1. Addition
2. Substraction
3. Multiplication
4. Division
5. Modulo
6. Clear Total
7. Exit
Operator [1...7]: 3
Input number : 5
```

```
Calculator Raynard Chandrawangsa
==================================
Total = 10.0

1. Addition
2. Substraction
3. Multiplication
4. Division
5. Modulo
6. Clear Total
7. Exit
Operator [1...7]: 4
Input number : 2

Calculator Raynard Chandrawangsa
==================================
Total = 5.0

1. Addition
2. Substraction
3. Multiplication
4. Division
5. Modulo
6. Clear Total
7. Exit
Operator [1...7]: 5
Input number : 2

Calculator Raynard Chandrawangsa
==================================
Total = 1.0

1. Addition
2. Substraction
3. Multiplication
4. Division
5. Modulo
6. Clear Total
7. Exit
Operator [1...7]: 6
```

```
Calculator Raynard Chandrawangsa
==================================
Total = 0.0

Input number : 1
1. Addition
2. Substraction
3. Multiplication
4. Division
5. Modulo
6. Clear Total
7. Exit
Operator [1...7]: 1
Input number : 1

Calculator Raynard Chandrawangsa
==================================
Total = 2.0

1. Addition
2. Substraction
3. Multiplication
4. Division
5. Modulo
6. Clear Total
7. Exit
Operator [1...7]: 7
```