```java
import java.util.Scanner;

public class Main {
    public static void main (String[] args) {
        // Down-casting
        Calculator <Double> operation = new Operate();

        // Down-casting
        Operate operator = (Operate) operation;
        Scanner sc = new Scanner(System.in);
        boolean calculator = true;

        while (calculator) {
            System.out.println("Unesite prvi broj: ");
            operation.setFirst(sc.nextDouble());

            System.out.println("Unesite drugi broj: ");
            operation.setSecond(sc.nextDouble());

            System.out.println("Unesite zeljeni operator: ");
            operator.calculate(sc.next().charAt(0));

            System.out.println("\nZelite li jos koju operaciju izvest? (da/ne)");
            String decider = sc.next();
            if (decider.equalsIgnoreCase("da")) calculator   = true;
            else calculator = false;
        }
    }
}
```

```java
public class Operate <T extends Number> extends Calculator <T> {
    public double add (T first, T second) {
        // Unboxing
        return first.doubleValue() + second.doubleValue();
    }

    public double subtract (T first, T second) {
        // Unboxing
        return first.doubleValue() - second.doubleValue();
    }

    public double multiply (T first, T second) {
        // Unboxing
        return first.doubleValue() * second.doubleValue();
    }

    public double divide (T first, T second) {
        // Unboxing
        return first.doubleValue() / second.doubleValue();
    }

    public void calculate (char operation) {
        System.out.println("\n" + first + " " + operation + " " + second + ": ");

        switch (operation) {
            case ('+'):
                System.out.println(add(first, second));
                break;
            case ('-'):
                System.out.println(subtract(first, second));
                break;
            case ('*'):
                System.out.println(multiply(first, second));
                break;
            case ('/'):
                System.out.println(divide(first, second));
                break;
            default:
                System.out.println("Krivo unesen operator.");
        }
    }

}
```

```java
public class Calculator <T extends  Number> {
    protected T first;
    protected T second;

    public T getFirst() {
        return first;
    }

    public void setFirst(T first) {
        this.first = first;
    }

    public T getSecond() {
        return second;
    }

    public void setSecond(T second) {
        this.second = second;
    }
}

```

```
"C:\Program Files\BellSoft\LibericaJDK-19-Full\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2022.2.3\lib\idea_rt.jar=65477:C:\Program Files\JetBrains\IntelliJ IDEA 2022.2.3\bin" -Dfile.encoding=UTF-8 -Dsun.stdout.encoding=UTF-8 -Dsun.stderr.encoding=UTF-8 -classpath D:\Faks\SuvremeneTehnikeProgramiranja\Zadace\Zadaca07a\out\production\Zadaca07a Main
Unesite prvi broj:
12
Unesite drugi broj:
2
Unesite zeljeni operator:
+

12.0 + 2.0:
14.0

Zelite li jos koju operaciju izvest? (da/ne)
da
Unesite prvi broj:
12
Unesite drugi broj:
2
Unesite zeljeni operator:
-

12.0 - 2.0:
10.0

Zelite li jos koju operaciju izvest? (da/ne)
da
Unesite prvi broj:
12
Unesite drugi broj:
2
Unesite zeljeni operator:
*

12.0 * 2.0:
24.0

Zelite li jos koju operaciju izvest? (da/ne)
da
Unesite prvi broj:
12
Unesite drugi broj:
2
Unesite zeljeni operator:
/

12.0 / 2.0:
6.0

Zelite li jos koju operaciju izvest? (da/ne)
ne

Process finished with exit code 0

```