

```

// Focal class
public class Calculator {

    // Focal method
    public float add(float value) {
        this.previousValue = this.currentValue;
        this.currentValue += value;
        return this.currentValue;
    }

    // Constructor signatures
    public Calculator();
    public Calculator(float value);

    // Method signatures
    public float subtract(float value);
    public float multiply(float value);
    public float divide(float value);
    public void reset();

    // Fields
    public float currentValue;
    public float previousValue;
}

```

```

// Test class
public class CalculatorTest {

    // Test case
    @Test
    public void testAdd() {

        Calculator calc = new Calculator();
        assertEquals(5.0, calc.add(5.0 f), 0.001);
        assertEquals(7.0, calc.add(2.0 f), 0.001);
    }
}

```

Source
Target