```
int add(int a, int b)
   int subtract(int a, int b) {
       return a - b;
   int multiply(int a, int b) (
   int divide(int a, int b) {
          throw new IllegalArgumentException(s: "Cannot divide by zero");
Calculator calc = new Calculator();
Flest
void testAddition() {
   assertEquals(expected:9, calc.add(a:4, b:5));
grest
vold testSubtraction() {
   assertEquals(expected:1, calc.subtract(a:5, b:4));
Blest
void testMultiplication() {
   assertEquals(expected:20, calc.multiply(a:4, b:5));
```

```
@Test
void testDivision() {
    assertEquals(expected:2, calc.divide(a:10, b:5));
grest
void testDivideByZero() (
    assertThrows(expectedType:IllegalArgumentException.class, () -> calc.divide(a:10, b:0));
void testArrayEquality() {
    int[] expected = { 1, 2, 3 };
int[] actual = { 1, 2, 3 };
    assertArrayEquals(expected, actual);
grest
void testBooleanValues() (
    assertTrue(7 > 2);
    assertFalse(3 > 5);
void testNulls() {
   String s = null;
    assertNull(s);
    assertNotNull(actual: "Hello");
@Test
void testStringEquality() {
    assertEquals(expected:"JUnit", actual:"JUnit");
```