8. JUnit program that demonstrates how parameterized tests are created in JUnit:

import org.junit.jupiter.params.ParameterizedTest;

import org.junit.jupiter.params.provider.CsvSource;

import org.junit.jupiter.params.provider.ValueSource;

import static org.junit.jupiter.api.Assertions.\*;

public class ParameterizedTestExample {

@ParameterizedTest

@ValueSource(ints = {1, 2, 3})

public void testIsOdd(int number) {

assertTrue(number % 2 != 0);

}

@ParameterizedTest

@CsvSource({"apple, 5", "banana, 6", "orange, 7"})

public void testStringLength(String input, int expectedLength) {

assertEquals(expectedLength, input.length());

}

}