import org.junit.jupiter.params.ParameterizedTest;

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

import java.util.stream.Stream;

import static org.junit.jupiter.api.Assertions.assertEquals;

public class ParameterizedTestDemo {

// Define the method that provides the test arguments

static Stream<String> stringProvider() {

return Stream.of("apple", "banana", "cherry");

}

// Use the @ParameterizedTest annotation and provide the source of parameters

@ParameterizedTest

@MethodSource("stringProvider")

void testStringLength(String str) {

// Test the length of each string

assertEquals(6, str.length());

}

}