import androidx.test.ext.junit.runners.AndroidJUnit4

import androidx.test.rule.ActivityTestRule

import androidx.test.espresso.Espresso.onView

import androidx.test.espresso.action.ViewActions.click

import androidx.test.espresso.assertion.ViewAssertions.matches

import androidx.test.espresso.matcher.ViewMatchers.\*

import org.junit.Rule

import org.junit.Test

import org.junit.runner.RunWith

@RunWith(AndroidJUnit4::class)

class CounterActivityTest {

@get:Rule

val mActivityRule = ActivityTestRule(CounterActivity::class.java)

@Test

fun testInitialState() {

// Verifica que el contador empiece en 0

onView(withId(R.id.counter\_text)).check(matches(withText("0")))

}

@Test

fun testIncrementButton() {

// Realiza un clic en el botón de incrementar

onView(withId(R.id.increment\_button)).perform(click())

// Verifica que el contador ahora sea 1

onView(withId(R.id.counter\_text)).check(matches(withText("1")))

}

@Test

fun testDecrementButton() {

// Realiza un clic en el botón de decrementar

onView(withId(R.id.decrement\_button)).perform(click())

// Verifica que el contador ahora sea -1

onView(withId(R.id.counter\_text)).check(matches(withText("-1")))

}

@Test

fun testIncrementAndDecrement() {

// Realiza dos clics en el botón de incrementar

onView(withId(R.id.increment\_button)).perform(click())

onView(withId(R.id.increment\_button)).perform(click())

// Realiza un clic en el botón de decrementar

onView(withId(R.id.decrement\_button)).perform(click())

// Verifica que el contador ahora sea 1

onView(withId(R.id.counter\_text)).check(matches(withText("1")))

}

}