class CalculatorTests: XCTestCase {

var calculator: Calculator!

override func setUp() {

super.setUp()

calculator = Calculator()

}

override func tearDown() {

calculator = nil

super.tearDown()

}

func testAddition() {

let result = calculator.add(a: 2, b: 3)

XCTAssertEqual(result, 5, "Expected 2 + 3 to equal 5")

}

func testPerformanceExample() {

self.measure {

\_ = calculator.add(a: 1000, b: 2000)

}

}

}

class MyAppUITests: XCTestCase {

let app = XCUIApplication()

override func setUp() {

super.setUp()

continueAfterFailure = false

app.launch()

}

func testLoginFlow() {

let usernameTextField = app.textFields["usernameTextField"]

XCTAssertTrue(usernameTextField.exists)

usernameTextField.tap()

usernameTextField.typeText("testuser")

let passwordSecureTextField = app.secureTextFields["passwordSecureTextField"]

XCTAssertTrue(passwordSecureTextField.exists)

passwordSecureTextField.tap()

passwordSecureTextField.typeText("password")

app.buttons["loginButton"].tap()

let welcomeLabel = app.staticTexts["welcomeLabel"]

XCTAssertTrue(welcomeLabel.exists)

}

}