File1:

package com.example.mocktest;

public interface ExternalApi {

void sendData(String data);

}

File2:

package com.example.mocktest;

public class MyService {

private ExternalApi api;

public MyService(ExternalApi api) {

this.api = api;

}

public void process() {

api.sendData("Hello");

}

}

File3:

package com.example.mocktest;

import static org.mockito.Mockito.\*;

import static org.mockito.ArgumentMatchers.\*;

import org.junit.jupiter.api.Test;

public class MyServiceTest {

@Test

public void testArgumentMatching() {

// Step 1: Create a mock

ExternalApi mockApi = mock(ExternalApi.class);

// Step 2: Use the mock in service

MyService service = new MyService(mockApi);

// Step 3: Call method with known argument

service.process();

// Step 4: Verify interaction with argument matcher

verify(mockApi).sendData(eq("Hello")); // Verifies that "Hello" was sent

}

}

Output:

A computer screen shot of a program

AI-generated content may be incorrect.