**CODE:**

package com.example;

public class MyService {

private UserService userService;

public MyService(UserService userService) {

this.userService = userService;

}

public void removeUser(String id) {

userService.deleteUser(id);

}

}

package com.example;

public class MyService {

private UserService userService;

public MyService(UserService userService) {

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public void removeUser(String id) {

userService.deleteUser(id);

}

}

package com.example;

import static org.mockito.Mockito.\*;

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

import org.junit.jupiter.api.Test;

import org.mockito.Mockito;

public class MyServiceTest {

@Test

public void testDeleteUserThrowsException() {

// Step 1: Create mock

UserService mockUserService = Mockito.mock(UserService.class);

// Step 2: Stub the void method to throw exception

doThrow(new RuntimeException("User not found"))

.when(mockUserService).deleteUser("123");

// Step 3: Inject and call

MyService service = new MyService(mockUserService);

// Step 4: Assert that exception is thrown

RuntimeException exception = assertThrows(RuntimeException.class, () -> {

service.removeUser("123");

});

assertEquals("User not found", exception.getMessage());

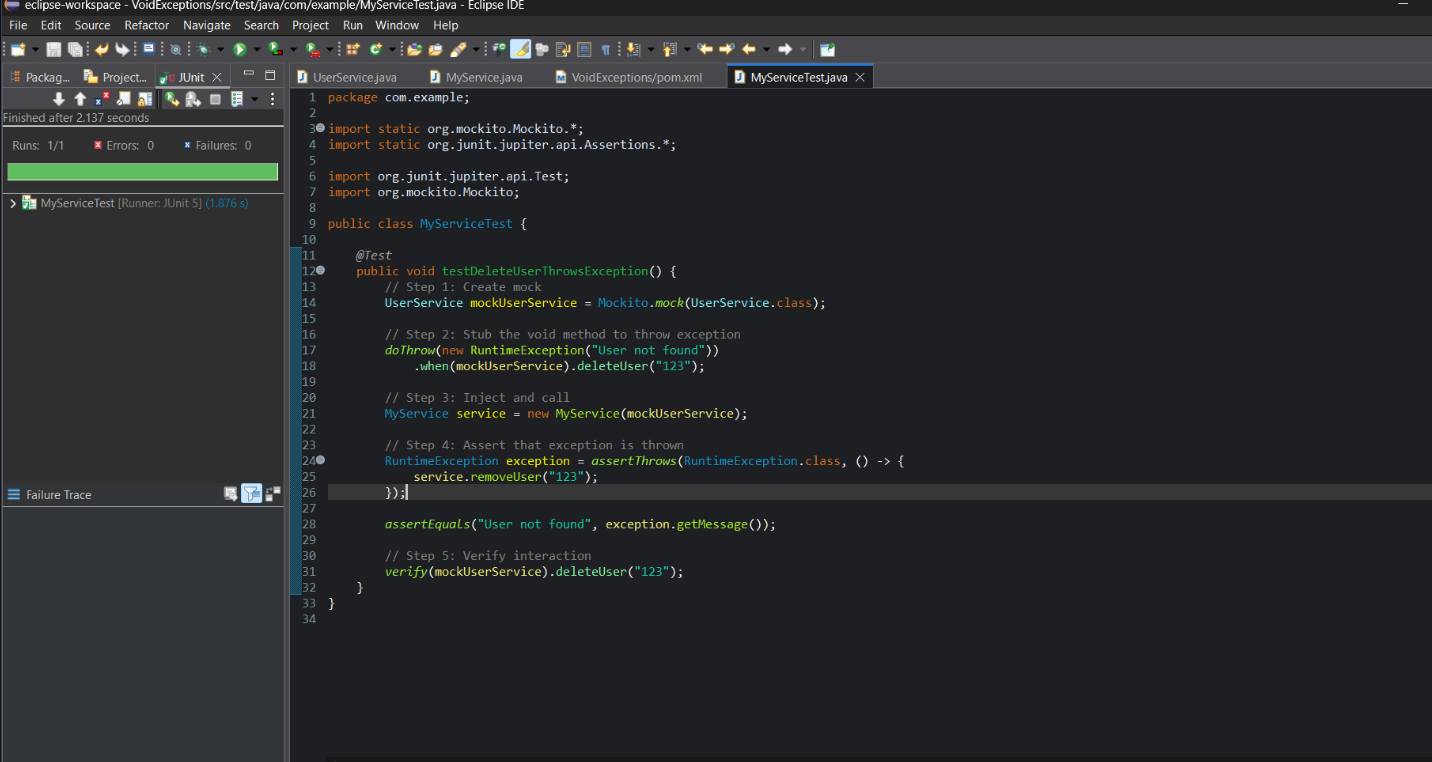
// Step 5: Verify interaction

verify(mockUserService).deleteUser("123");

}

}

**OUTPUT:**

****