Mockito Exercises:

Exercise 3: Argument Matching

CODE:

Messenger.java:

package com.example.mockito\_demo;

public interface Messenger {

void sendMessage(String recipient, String message);

}

NotificationService.java

package com.example.mockito\_demo;

public class NotificationService {

private Messenger messenger;

public NotificationService(Messenger messenger) {

this.messenger = messenger;

}

public void notifyUser(String user) {

messenger.sendMessage(user, "Welcome!");

}

}

NotificationServiceTest.java

package com.example.mockito\_demo;

import org.junit.jupiter.api.Test;

import static org.mockito.Mockito.\*;

import static org.mockito.ArgumentMatchers.\*;

public class NotificationServiceTest {

@Test

public void testArgumentMatching() {

Messenger mockMessenger = mock(Messenger.class);

NotificationService service = new NotificationService(mockMessenger);

service.notifyUser("sample@example.com");

verify(mockMessenger).sendMessage(eq("sample@example.com"), eq("Welcome!"));

}

}

OUTPUT:

