**Exercise 3: Argument Matching**

**ExternalApi.java**

public interface ExternalApi {

String getData();

public void sendMessage(String eq);

}

**MyService.java**

public class MyService {

private final ExternalApi api;

public MyService(ExternalApi api) {

this.api = api;

}

public String fetchData() {

return api.getData();

}

public void sendWelcomeMessage(String name) {

api.sendMessage(name);

}

}

**MyServiceTest.java**

import com.mycompany.mavenproject3.ExternalApi;

import com.mycompany.mavenproject3.MyService;

import static org.junit.jupiter.api.Assertions.assertEquals;

import static org.mockito.Mockito.\*;

import org.junit.jupiter.api.Test;

import org.mockito.Mockito;

public class MyServiceTest {

@Test

public void testArgumentMatching() {

ExternalApi mockApi = Mockito.mock(ExternalApi.class);

MyService service = new MyService(mockApi);

service.sendWelcomeMessage("Rupa");

verify(mockApi).sendMessage(eq("Rupa"));

}

}

**Output**



