**Exercise 1:** **Mocking and Stubbing**

**Code:**

**ExternalApi.java**

package org.example.MockitoExercises;  
  
public interface ExternalApi {  
 String getData();  
}

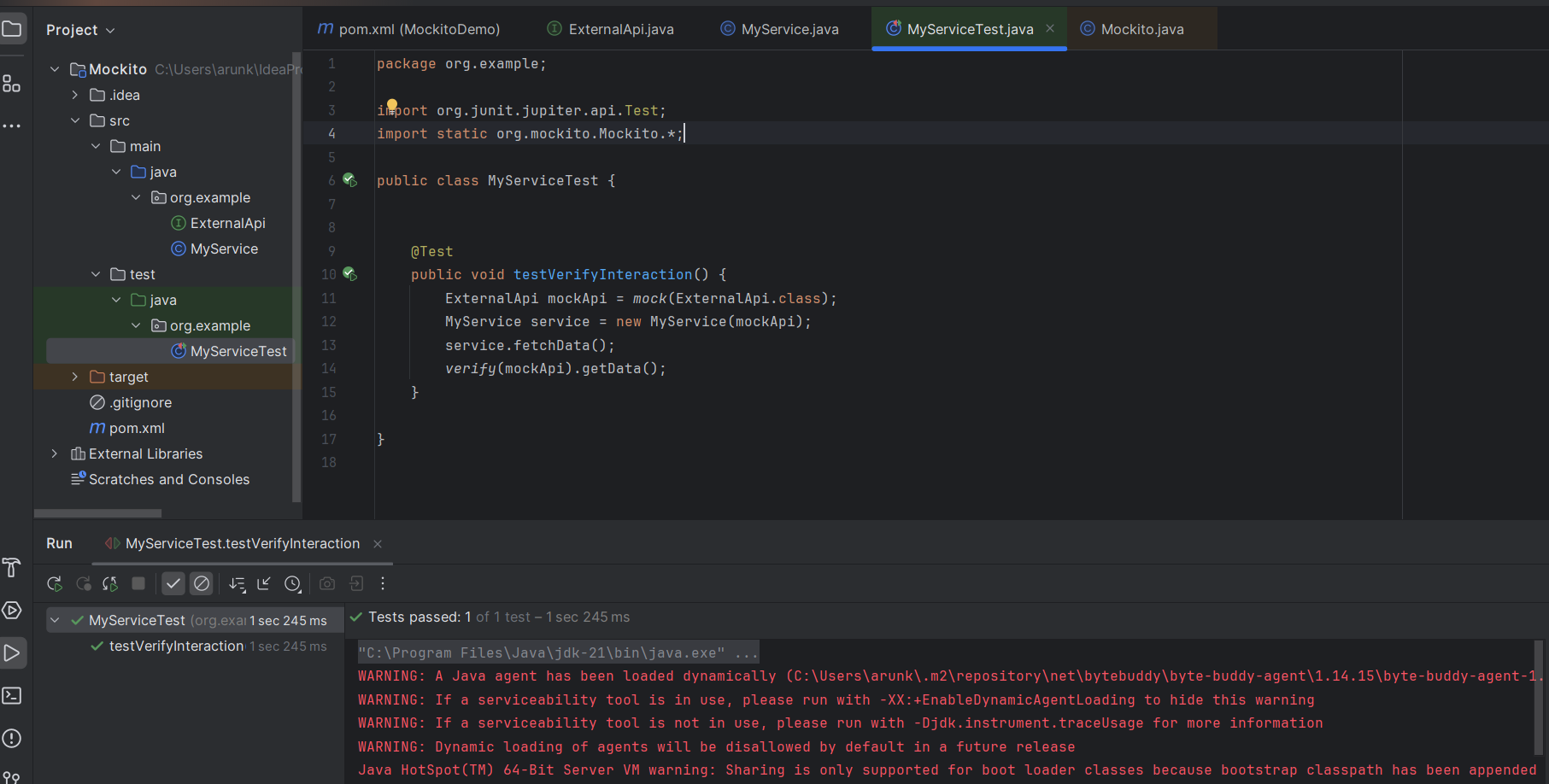
**MyService.java**

package org.example.MockitoExercises;  
  
public class MyService {  
 private ExternalApi api;  
  
 public MyService(ExternalApi api) {  
 this.api = api;  
 }  
  
 public String fetchData() {  
 return api.getData();  
 }  
}

**MyServiceTest.java**

package org.example;  
  
import org.junit.jupiter.api.Test;  
import static org.mockito.Mockito.\*;  
  
public class MyServiceTest {  
   
 @Test  
 public void testVerifyInteraction() {  
 ExternalApi mockApi = *mock*(ExternalApi.class);  
 MyService service = new MyService(mockApi);  
 service.fetchData();  
 *verify*(mockApi).getData();  
 }  
}

**OUTPUT:**

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