**PROGRAM:**

**INTERFERENCE:**

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

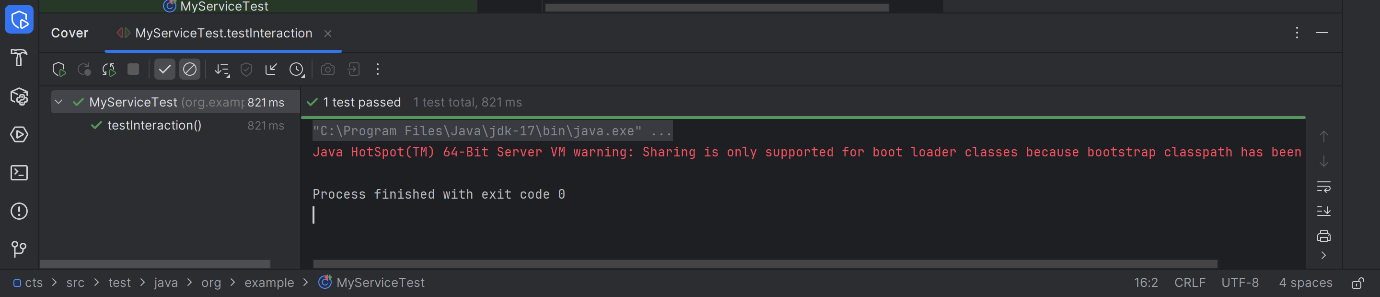
**MYSERVICE CLASS:**

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

**MYSERVICETEST CLASS:**

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

**OUTPUT:**

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