Mockito Hands-On Exercises

**Exercise 1: Mocking and Stubbing**

**Scenario :**

You need to test a service that depends on an external API. Use Mockito to mock the external API and stub its methods.

Steps: 1. Create a mock object for the external API.

2. Stub the methods to return predefined values.

3. Write a test case that uses the mock object.

**Solution Code :**

**ExternalAPI.java:**

package com.example;

public interface ExternalAPI {

String getData();

}

**MyServicee.java :**

package com.example;

public class MyServicee {

private ExternalApi api;

public MyService(ExternalApi api) {

this.api = api;

}

public String fetchData() {

return api.getData();

}

}

**TestService.java :**

package com.example;

public class MyService {

private ExternalApi api;

public MyService(ExternalApi api) {

this.api = api;

}

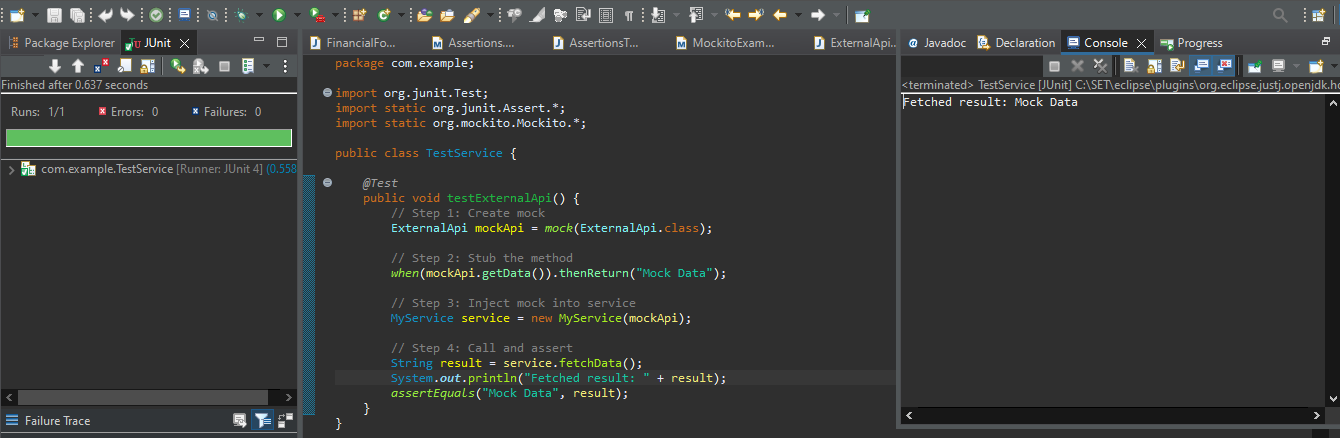
public String fetchData() {

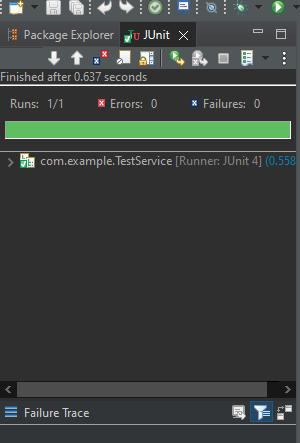
return api.getData();

}

}

**OUTPUT :**

****

****