

```

1 interface ExternalApi {
2     void getData();
3 }
4 class MyService {
5     private ExternalApi api;
6
7     public MyService(ExternalApi api) {
8         this.api = api;
9     }
10
11     public void fetchData() {
12         api.getData();
13     }
14 }
15 public class Main {
16     public static void main(String[] args) {
17         ExternalApi mockApi = new ExternalApi(){
18             boolean called = false;
19             @Override
20             public void getData() {
21                 called = true;
22                 System.out.println("getData() was called");
23             }
24         };
25         MyService service = new MyService(mockApi);
26         service.fetchData();
27         System.out.println("Test passed if 'getData() was called' is printed above.");
28     }
29 }

```

Output:

getData() was called

Test passed if 'getData() was called' is printed above.