In this exercise, you will complete these tasks:

Setup a basic mock object test using the best practices.

Write tests using a mock object

We are going to practice working with mocks
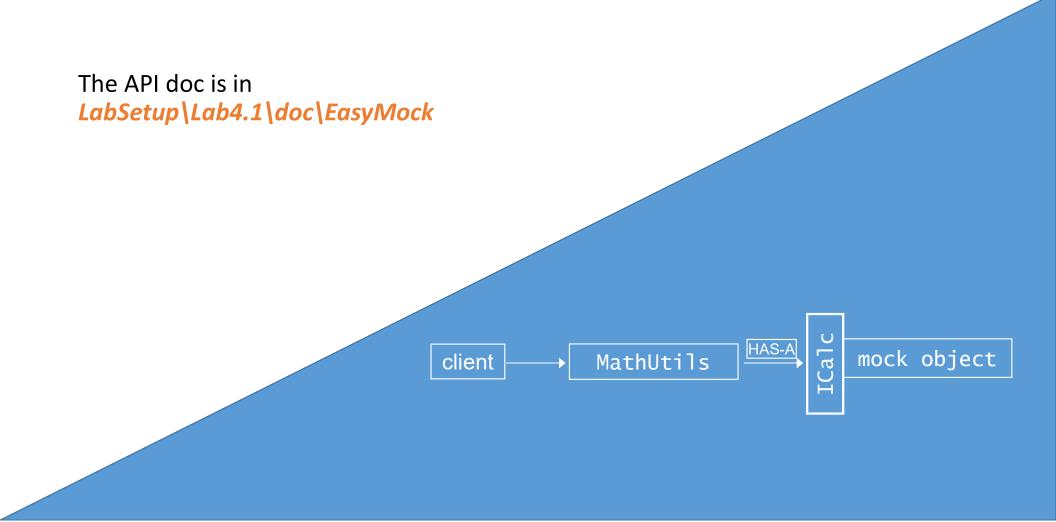
Type in the `ICalc` interface as shown in the example

Type in the `MathUtils` class as shown in the example

Add the EasyMock JAR to your project

```
<dependency>
    <groupId>org.easymock</groupId>
    <artifactId>easymock</artifactId>
    <version>4.0</version>
    <scope>test</scope>
</dependency>
```

The API doc is in
LabSetup\Lab4.1\doc\EasyMock

```
client  →  MathUtils  ─HAS-A→  ICalc  mock object
```

Write your test for `ICalc`

- Follow best practices
- You only have an interface so you must "mock" the object
- Write tests for `add()`, `multiply()` and `reset()`

Experiment with the mock – note the results

- Remove the verify step
- Test using the frequency rules
- Call the method with different arguments
- Use this time to find out how the mock works!