

Lab: Introduction to Unit Testing (Java)

Tasks to do

1. Import a Maven project `lab2_currencyEditor` to Eclipse.
2. For the method `addMoney()` of the class `MoneyBag` write down a list of all required test cases.
3. Write a class `MoneyBagTest` including method `setUp()` and methods for testing of the following methods of `MoneyBag` Class:
 - (a) `addMoney()` – 4 tests;
 - (b) `contains()` – 4 tests.

Notes: Every test case has to be documented. The documentation includes the following info:

- what the test case checks;
- what input data is used in the test case;
- what is the “expected” result.

The example of such documentation is below:

```
@Test
//checking functionality: adding the same type of money to MoneyBag
//input data: object Money amount 10, type CHF
//expected result: 24CHF (object Money(24, "CHF"))
public final void addMoney_add_10_14_res24() {
    IMoney expected= m24CHF;
    Money bag[] = {new Money(10,"CHF")};
    MoneyBag result = new MoneyBag(bag);

    assertEquals(expected, result.addMoney(new Money(14,"CHF")));
}
```