

## Assignment 3 Part 1

The formulas for kiwisaver, fortnightsalary, tax, I got it online.

In GitHub, The other documents except PART1/mokito.com folder, are irreverent. I accidentally uploaded part2's document in that.

chinmaylele Delete web.xml	Latest commit 2f6c86c 12 hours ago	
.settings	first commit	11 days ago
PART1/mokito.com	Add files via upload	18 hours ago
src	first commit	11 days ago
.classpath	first commit	11 days ago
.gitignore	first commit	11 days ago
.project	first commit	11 days ago
pom.xml	first commit	11 days ago

ECLIPSE - mokito.com/src/test/java/mokito/ComputeTaxTest.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer

- > mokito.com [mokito.com master]
- > src/main/java
  - > mokito
    - ComputeImplementation.java
    - iCompute.java
  - > src/main/resources
  - > src/test/java
    - > mokito
      - ComputeTaxTest.java
      - FortnightSalaryTest.java
      - KiwiSaver.java
      - WeeklySalaryTest.java
    - > src/test/resources
  - > JRE System Library [J2SE-1.5]
  - > Maven Dependencies
  - > src
    - > main
    - > test
      - > java
        - > mokito
          - ComputeTaxTest.java
          - FortnightSalaryTest.java
          - KiwiSaver.java
          - WeeklySalaryTest.java
        - resources
    - > target
    - pom.xml
  - > TDDSample
  - > TestMaven.com [TestMaven.com master]

FortnightSalaryTest.java

```
12 double val1, val2;
13 iCompute mockobj;
14
15 @Before
16 public void setUp() throws Exception {
17
18     obj = new ComputeImplementation();
19     val1 = 1000;
20     val2 = val1 * 0.17;
21     mockobj = Mockito.mock(iCompute.class);
22     Mockito.when(mockobj.computeTax(val2)).thenReturn((int) (val1 * 0.17));
23     obj.setObj(mockobj);
24 }
25
26 @After
27 public void tearDown() throws Exception {
28     obj = null;
29     mockobj = null;
30 }
31
32 @Test
33 public void computetax() {
34     assertEquals((val1 * 0.17), obj.computeTax(val2), 0);
35 }
36
37 }
38
```

Outline

  - mokito
    - ComputeTaxTest
      - obj: ComputeImplementation
      - val1: double
      - val2: double
      - mockobj: iCompute
      - setUp(): void
      - tearDown(): void
      - computetax(): void

Markers Properties Servers Data Source Explorer Snippets Console JUnit Git Staging

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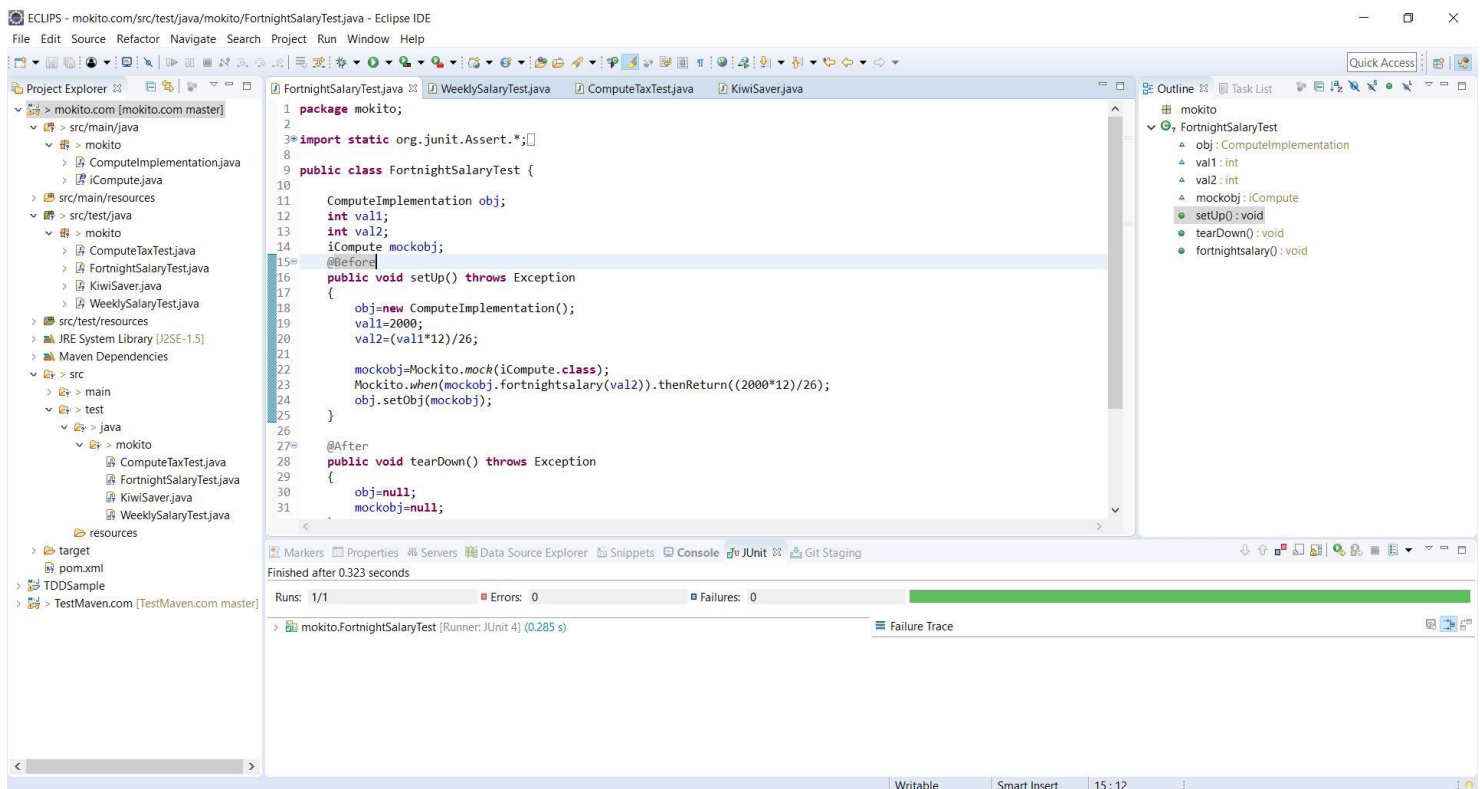
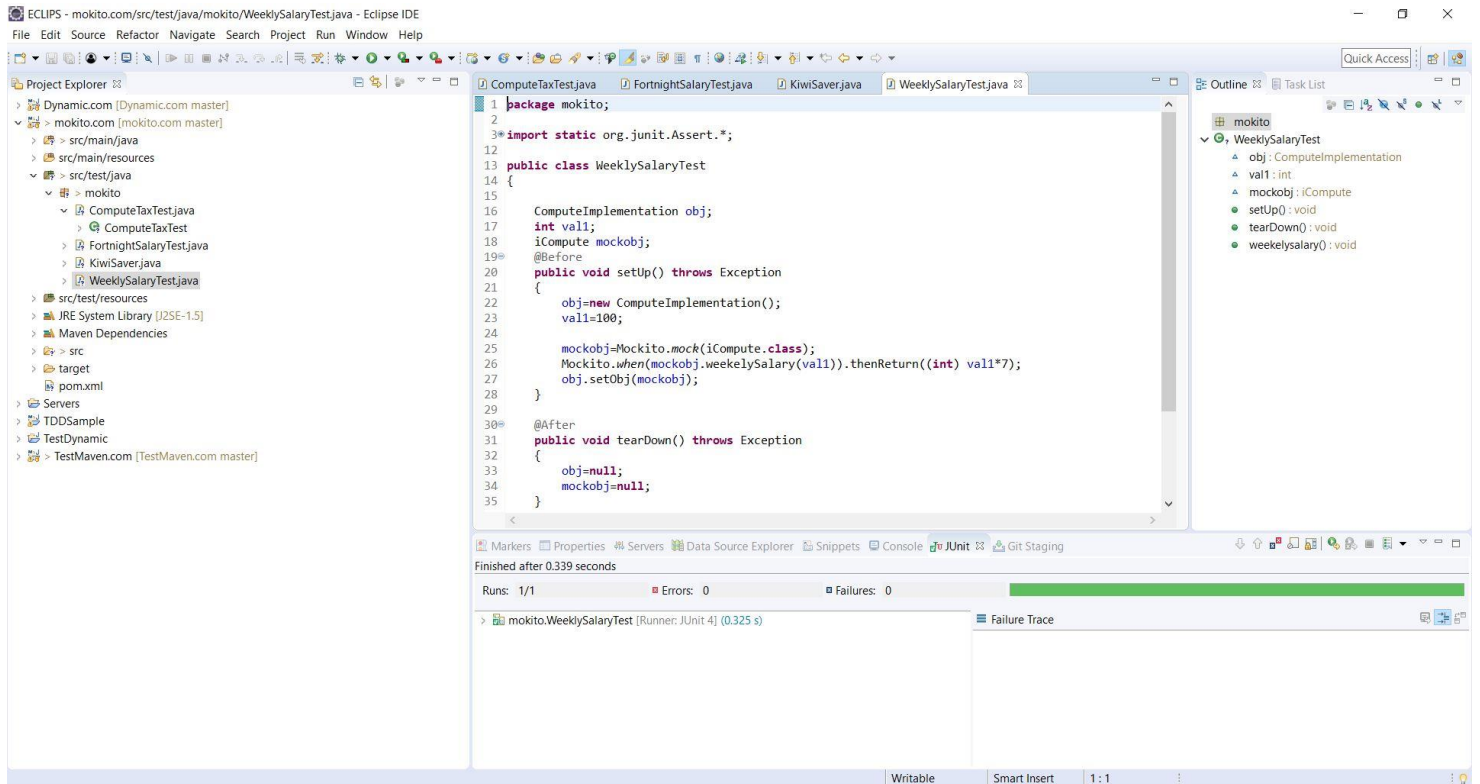
Runs: 1/1 Errors: 0 Failures: 0

computetax [Runner: JUnit 4] (0.132 s)

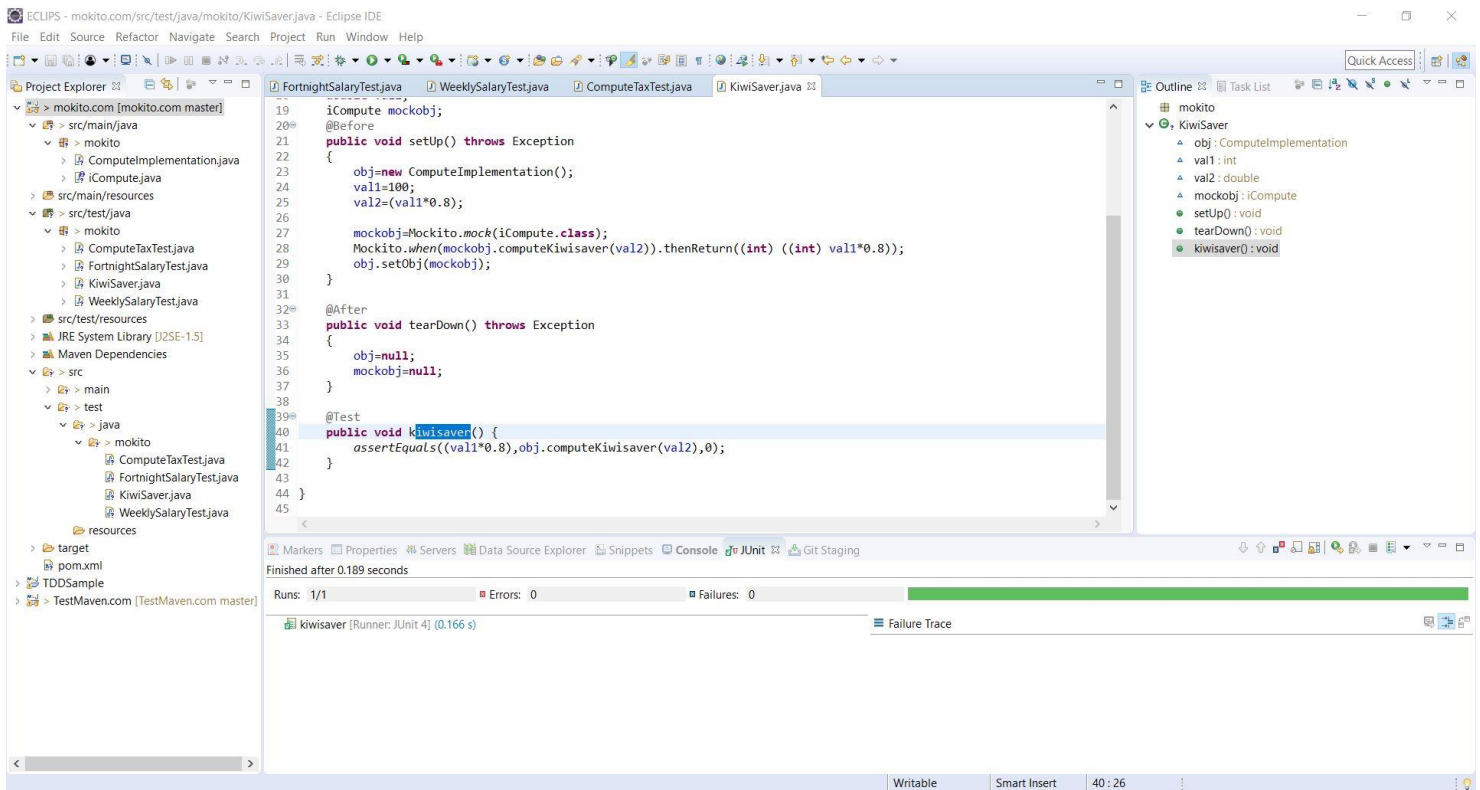
Failure Trace

Writable Smart Insert 33:27

# Assignment 3 Part 1



# Assignment 3 Part 1



GIT URL's: Part1: [https://github.com/chinmaylele/ASSIGN3\\_PART1.git](https://github.com/chinmaylele/ASSIGN3_PART1.git)

Part2: [https://github.com/chinmaylele/ASSIGN3\\_PART2.git](https://github.com/chinmaylele/ASSIGN3_PART2.git)