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<https://bitbucket.org/mkhaliki/assignment-8/src/master/>

Instructions:

E5_18.java and E5_18Test.java must be in the same project.
The rest of the files must be in the same project.

Assignment 8 src E5_18Test

Project

- Assignment 8 ~/Documents/CS49J workspace
 - .idea
 - out
 - src
 - Appointment
 - Daily
 - E5_18
 - E5_18Test
 - E13_9
 - Monthly
 - Onetime
 - P9_5
 - P9_5Test
 - Appointments.txt
 - Assignment 8.iml
 - External Libraries
 - Scratches and Consoles

P9_5.java P9_5Test.java E5_18Test.java

```
1 import junit.framework.TestCase;
2
3 public class E5_18Test extends TestCase {
4     public void testCalculateTaxes() {
5         double income = 0;
6         double taxes = E5_18.calculateTaxes(income);
7         double expectedTaxes = 0.0;
8
9         assertEquals(expectedTaxes, taxes);
10
11         income = 500000;
12         taxes = E5_18.calculateTaxes(income);
13         expectedTaxes = 20250.0;
14
15         assertEquals(expectedTaxes, taxes);
16
17         income = 110503.34;
18         taxes = E5_18.calculateTaxes(income);
19         expectedTaxes = 2170.1336;
20
21         assertEquals(expectedTaxes, taxes);
22     }
23 }
```

E5_18Test

Run: P9_5 x E5_18Test x

Tests passed: 1 of 1 test - 6 ms

- E5_18Test 6 ms
 - testCalculateTaxes 6 ms

Process finished with exit code 0

4: Run TODO Terminal

Event Log

Tests passed: 1 (moments ago)

3:42 LF UTF-8 4 spaces

Assignment 8srcP9_5Test

Project

Assignment 8
out
src
Appointment
Daily
E5_18
E5_18Test
E13_9
Monthly
Onetime
P9_5
P9_5Test
Appointments.txt
Assignment 8.iml
External Libraries
Scratches and Consoles

P9_5Test.java

```
1  import ...
10
11  public class P9_5Test extends TestCase {
12      protected ArrayList<Appointment> apts;
13      protected File file;
14      protected Scanner input_file;
15      protected PrintWriter output_file;
16      protected DateTimeFormatter dateFormat;
17      protected LocalDate localDate;
18
19      @Override
20      protected void setUp() throws Exception {...}
31
32      public void testSaveAppointmentToFile() {...}
52
53      public void testLoadAppointmentFromFile() throws FileNotFoundException {...}
75
76      public void testOccursOn() {...}
100
101      public void testAddAppointment() {...}
131  }
```

Run: P9_5 x P9_5Test x

Tests passed: 4 of 4 tests - 293 ms

P9_5Test 293 ms

testAddAppointment 251 ms
testSaveAppointmentTo 20 ms
testLoadAppointmentFro 7 ms
testOccursOn 15 ms

Appointment successfully added.
Appointment successfully added.
Appointment successfully added.

4: Run

TODO

Terminal

Messages

Event Log

Tests passed: 4 (moments ago)

76:1 LF UTF-8 4 spaces