**Assignment B: Test Driven Development**

**Presented to Professor Robert Sabourin**

**For the course ECSE 428: Software Engineering Practice**

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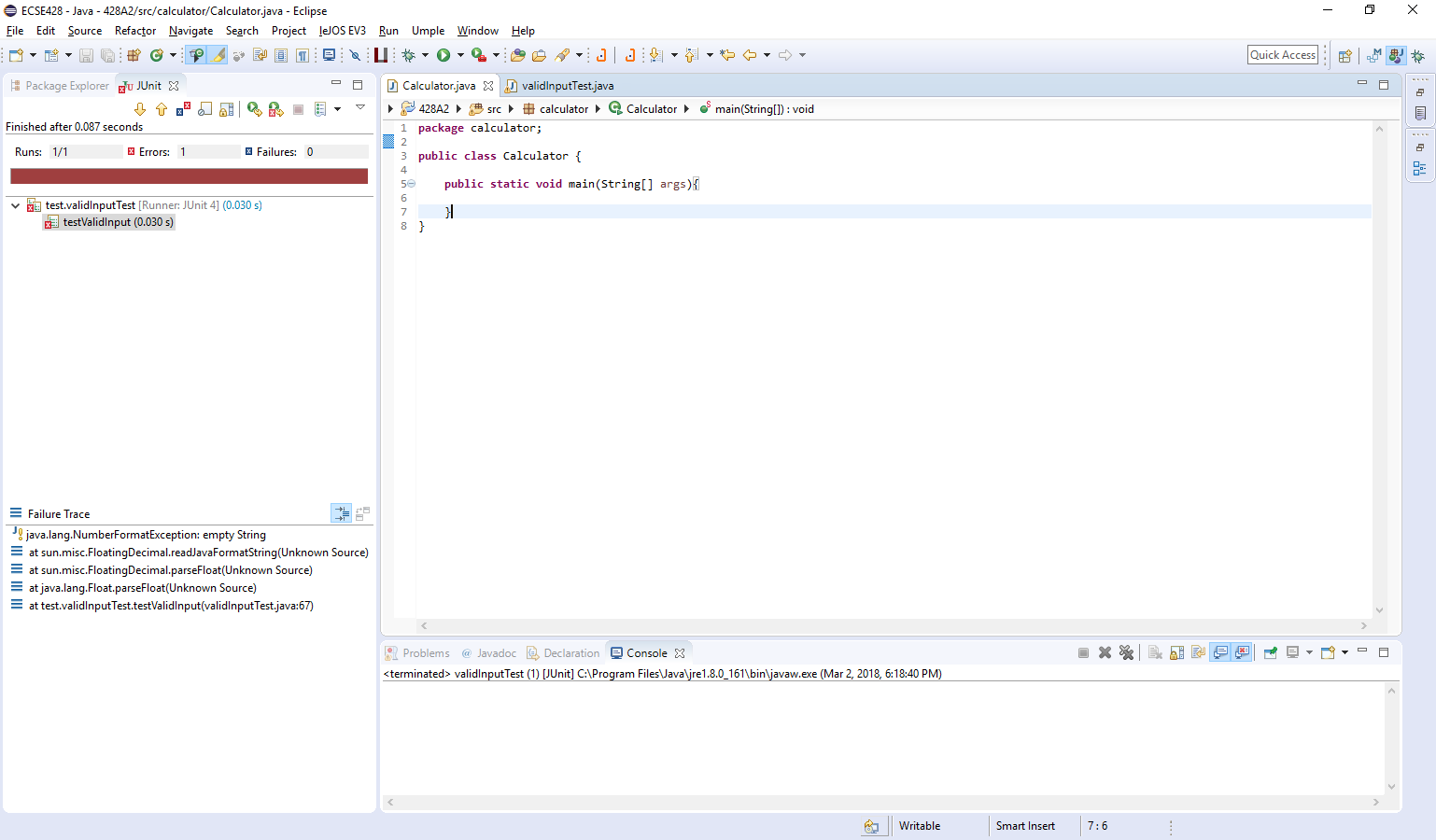
# Test 1: validInputTest

Purpose: Verify postal rate calculator logic works for a valid set of user inputs.

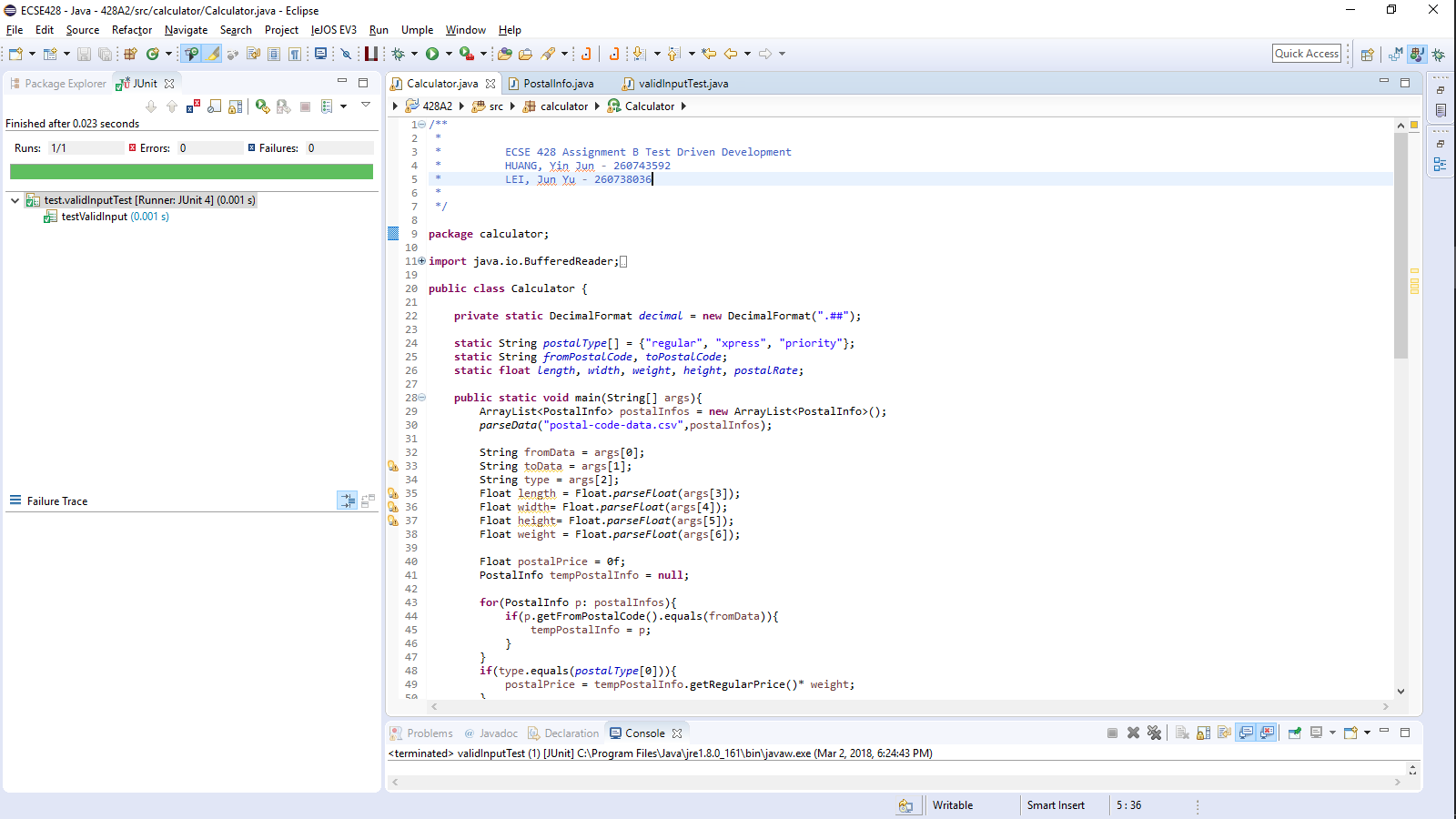
Setup: P0B1L0 H4A1H3 xpress 15 15 15 15

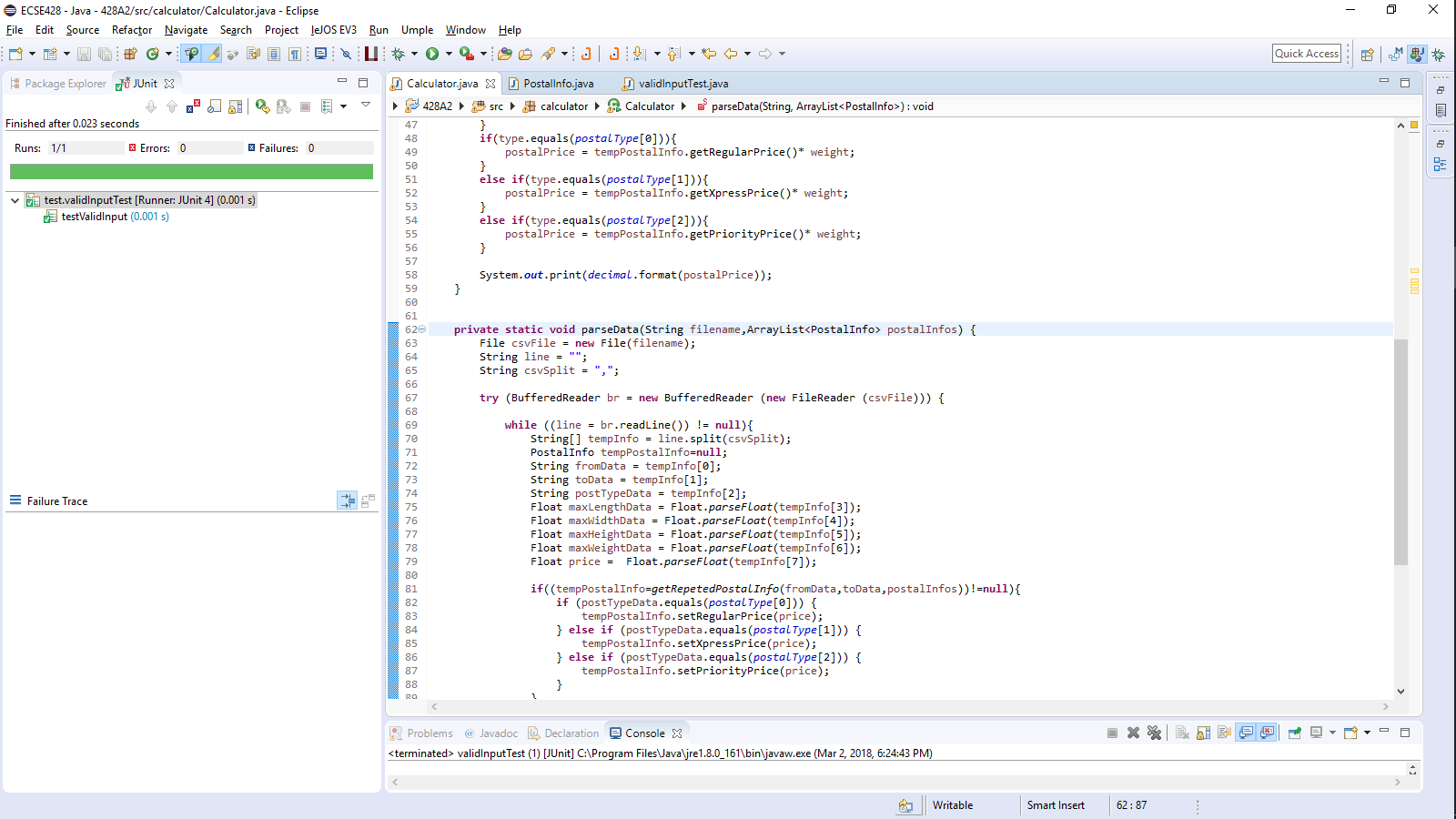
Expected Result: 26.85

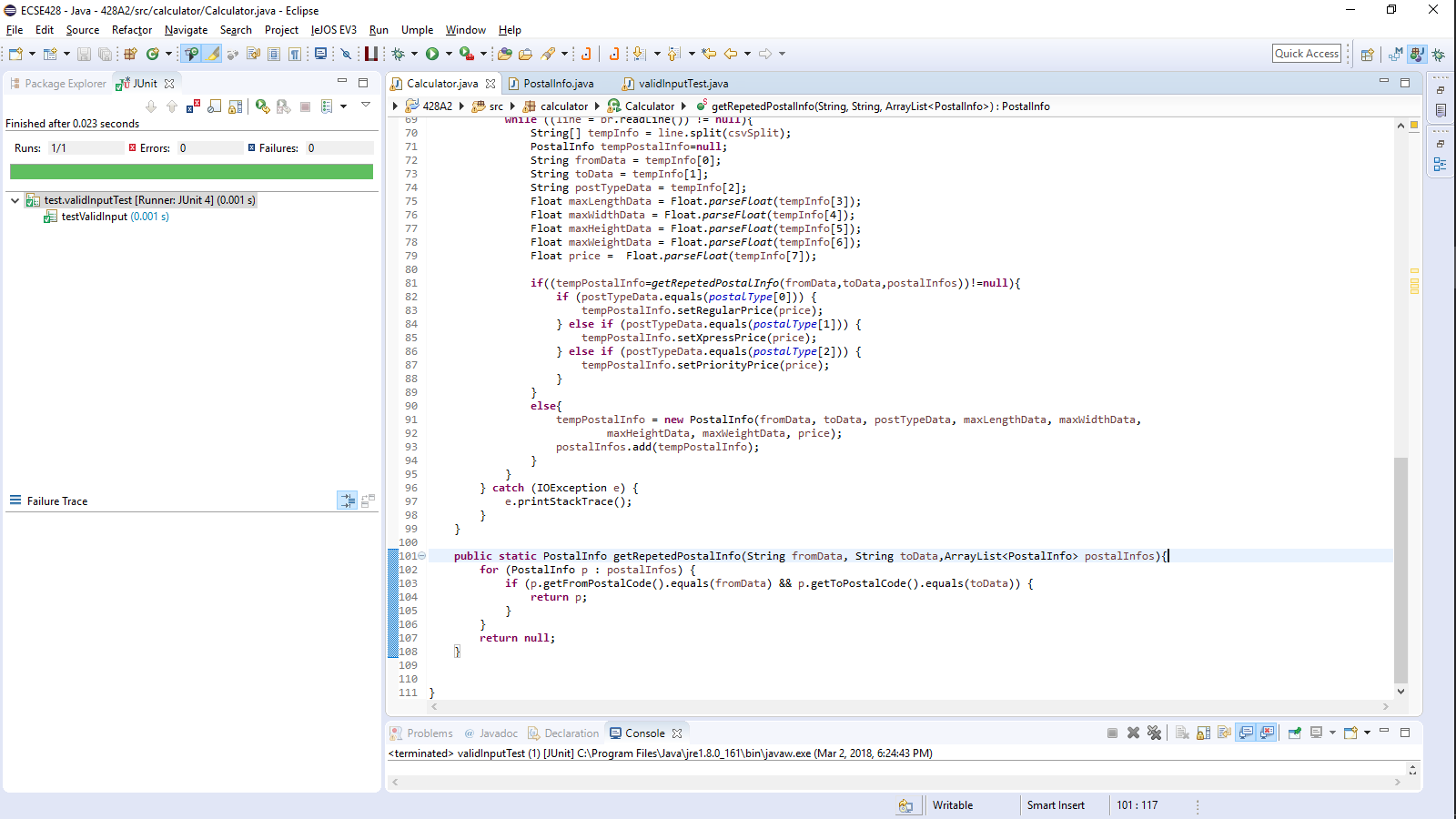
Failing Screen Shot

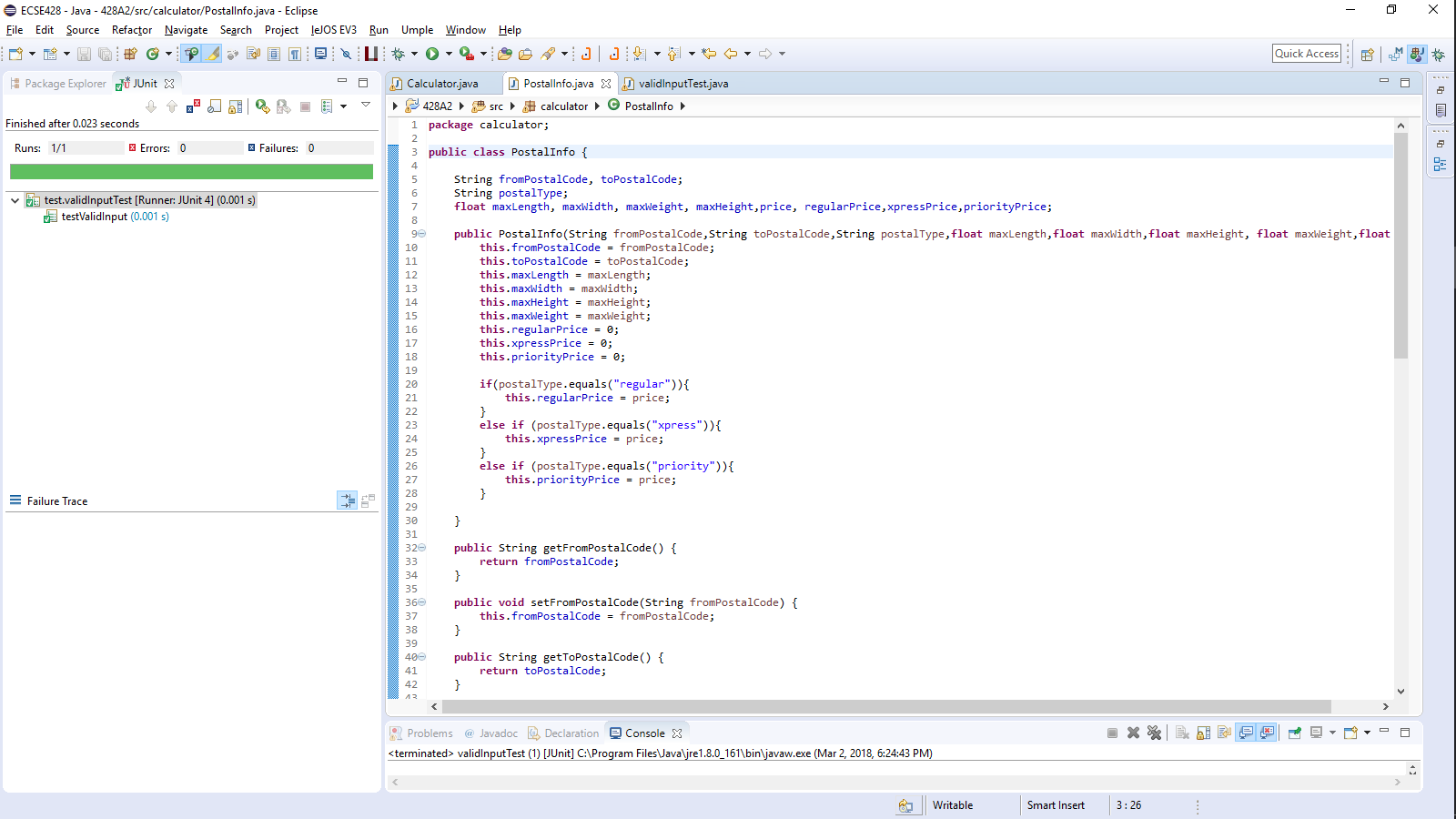


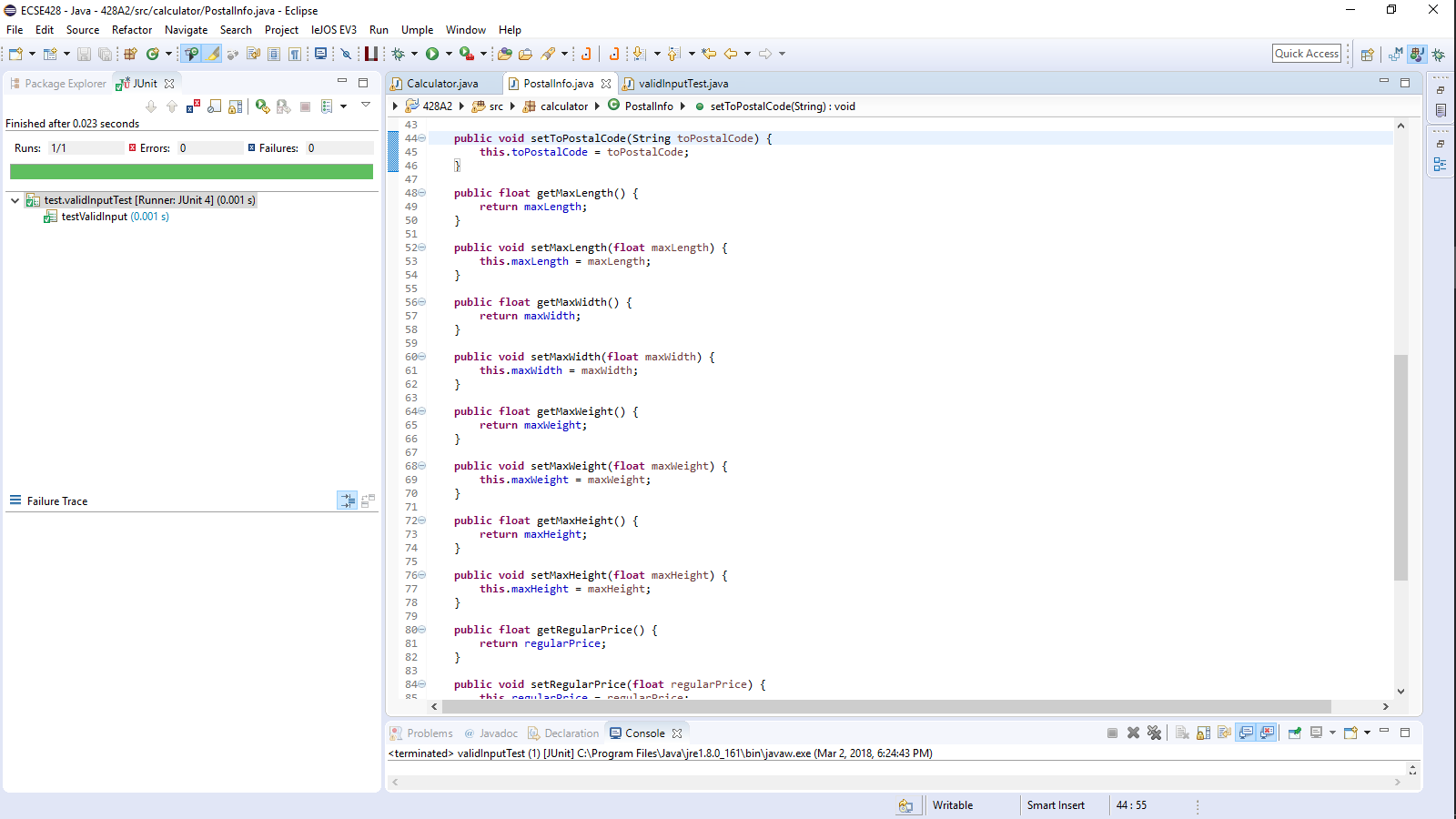
Succeeding Screen Shot

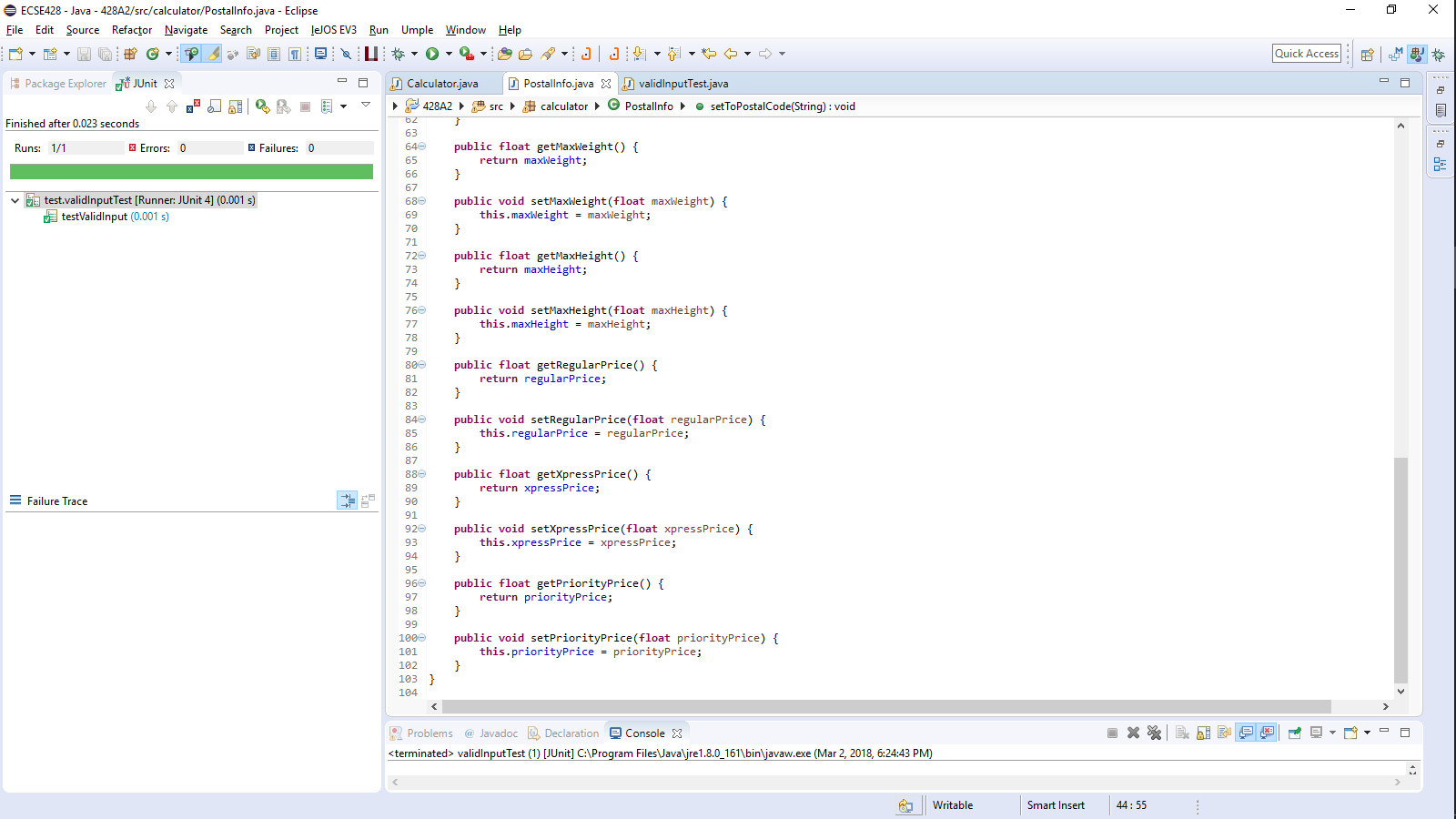












# Test x: Valid Uppercase/Lowercase From and To Postal Code

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: Valid Uppercase/Lowercase Post Type

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: noArgumentTest

Description:

Setup: Calculator

Expected Result: “Usage: Calculator fromPostalCode toPostalCode postType length width height weight”

Failing Screen Shot

Succeeding Screen Shot

# Test x: Less than 8 arguments

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: More than 8 arguments

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: Out of Range Low Numbers

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: Invalid From Postal Code

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: Invalid To Postal Code

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: Invalid Post Type

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: Non-Existent Valid From Postal Code

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: Non-Existent Valid To Postal Code

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: Non-Matching From and To Postal Code

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: Less or Equal to Zero Dimensions

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: Less or Equal to Zero Weight

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: Over Max Dimensions

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: Over Max Weight

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot