**Assignment B: Test Driven Development**

**Presented to Professor Robert Sabourin**

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

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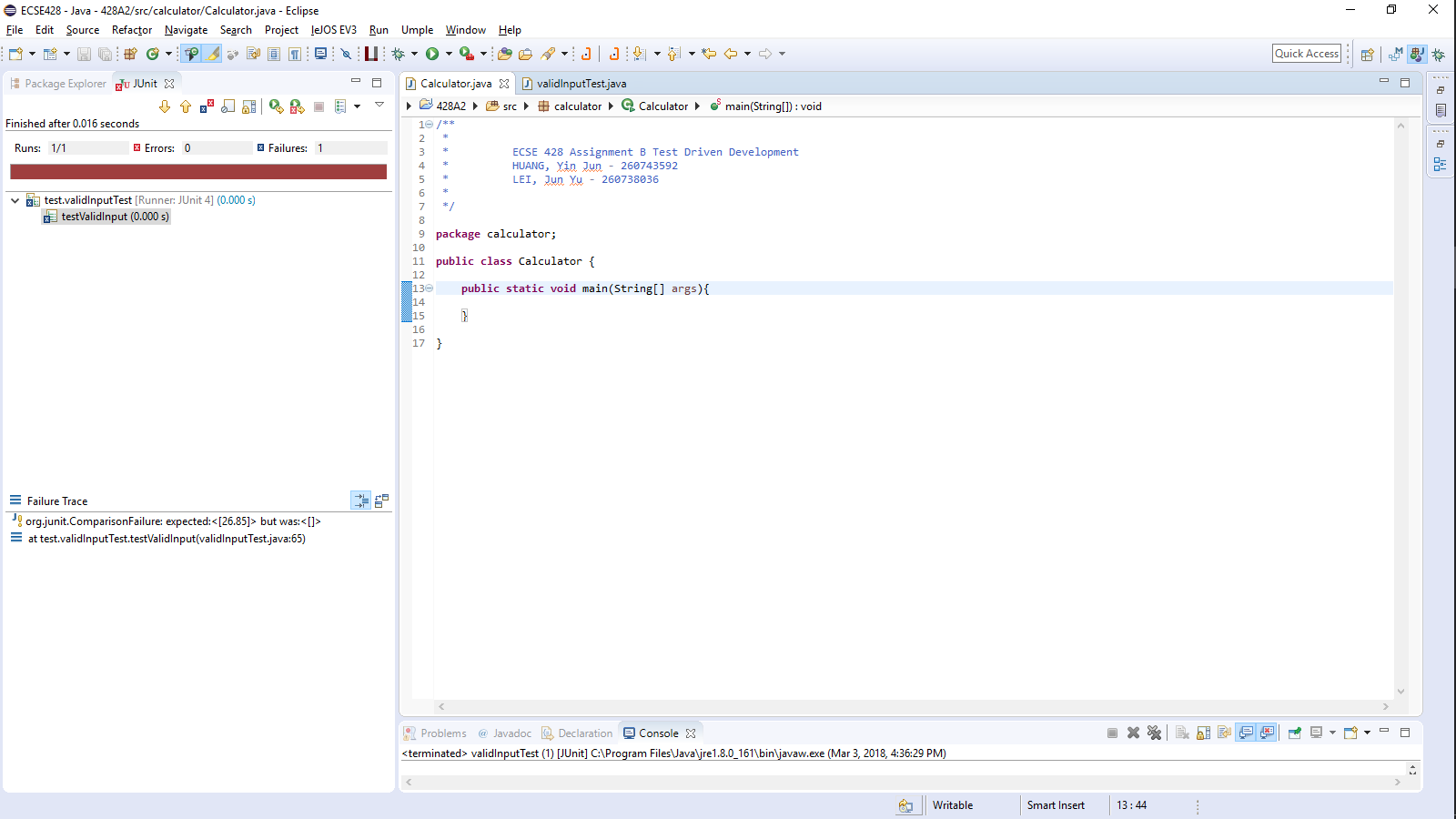
# Test 1: validInputTest

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

Setup: P0B1L0 H4A1H3 xpress 15 15 15 15

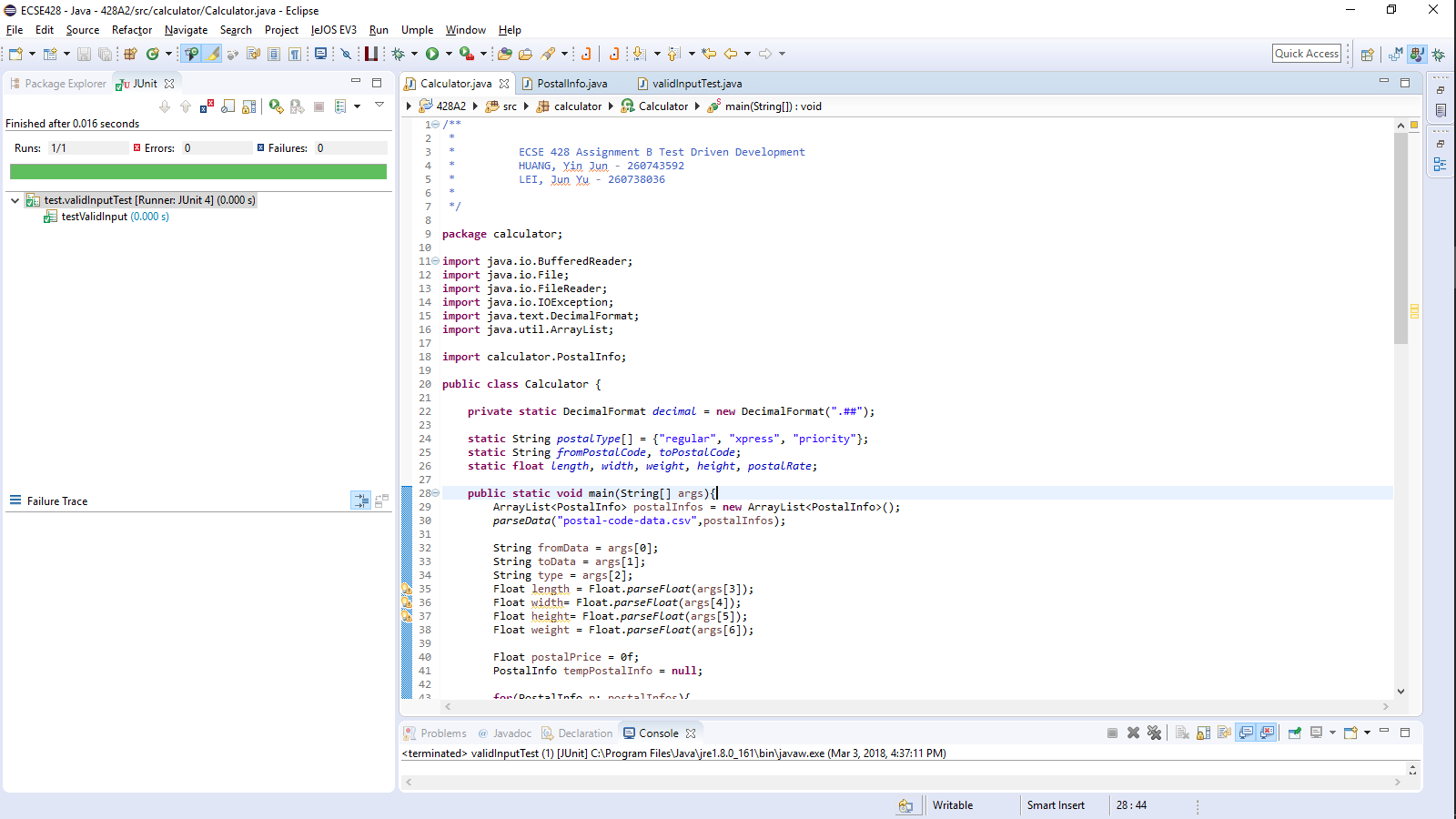
Expected Result: 26.85

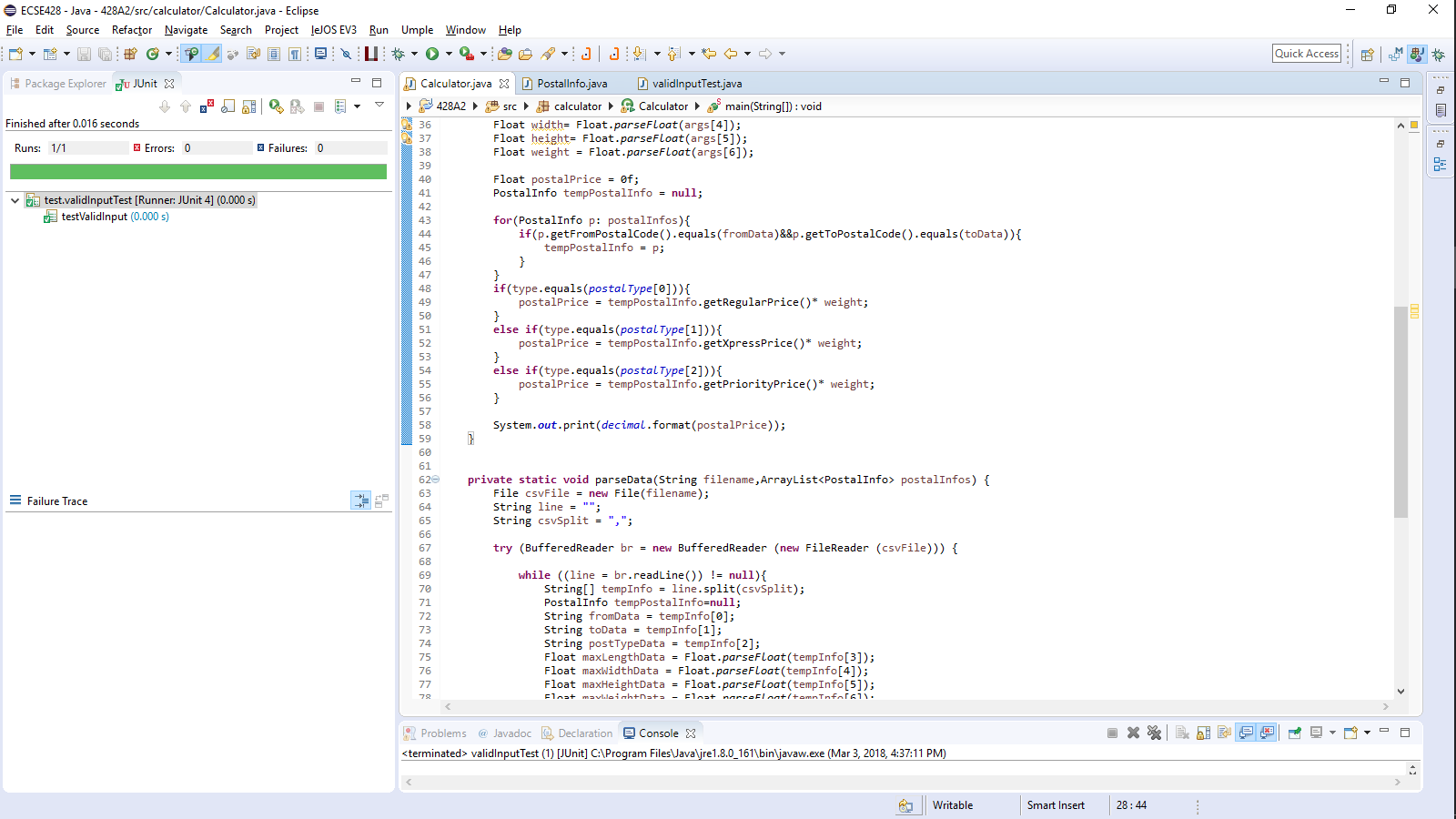
Failing Screen Shot

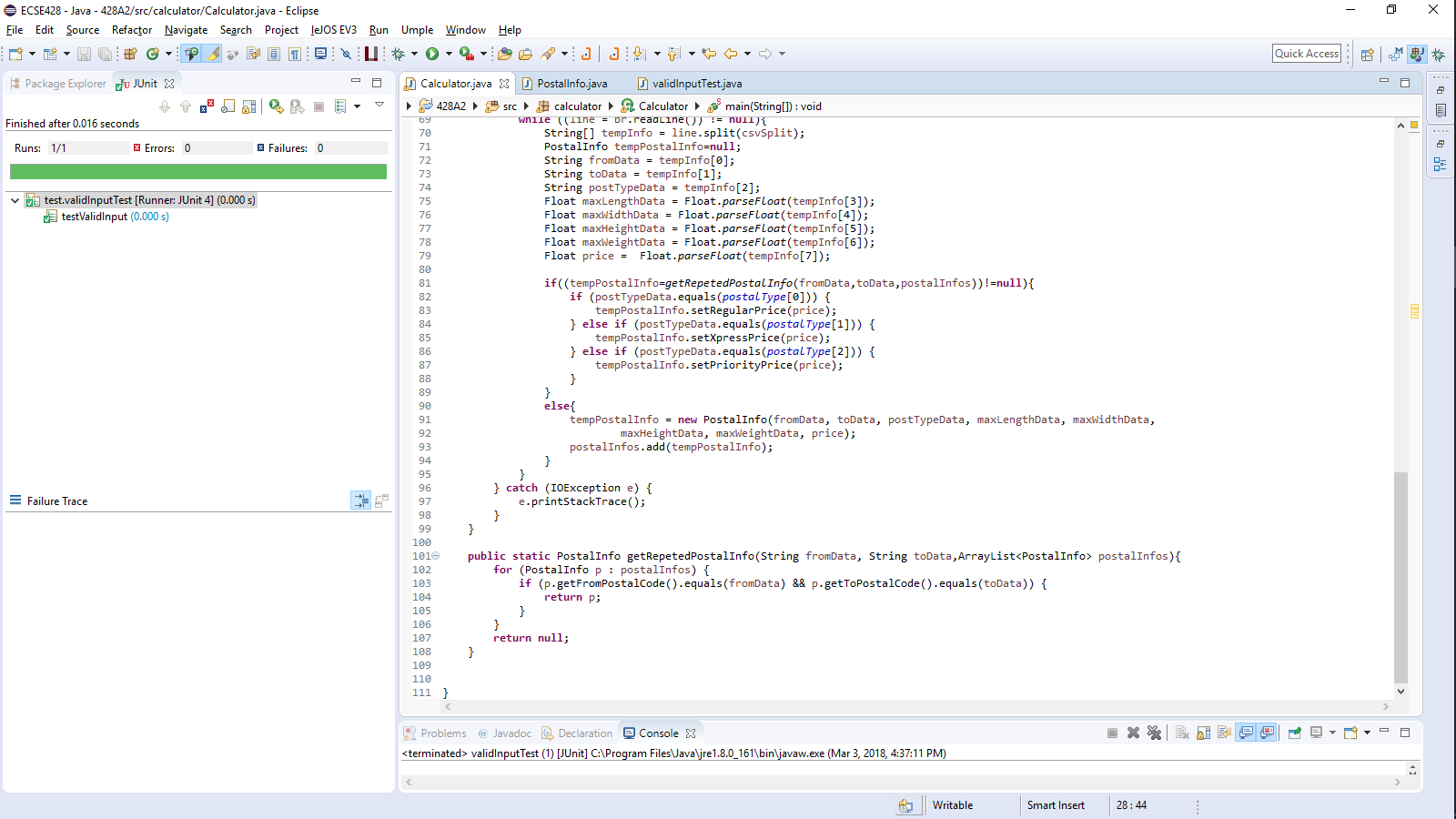


Succeeding Screen Shot

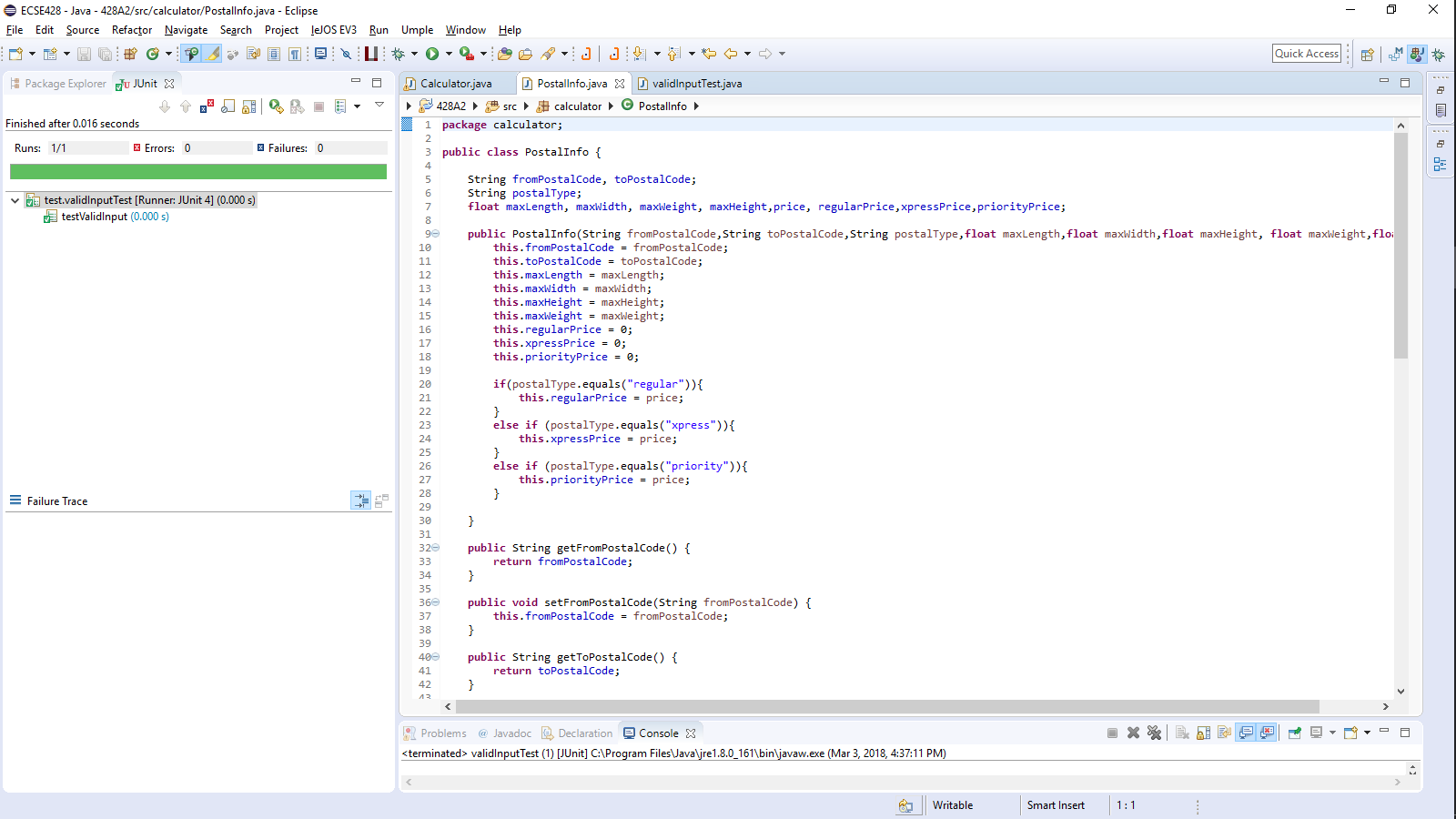
calculator.java:

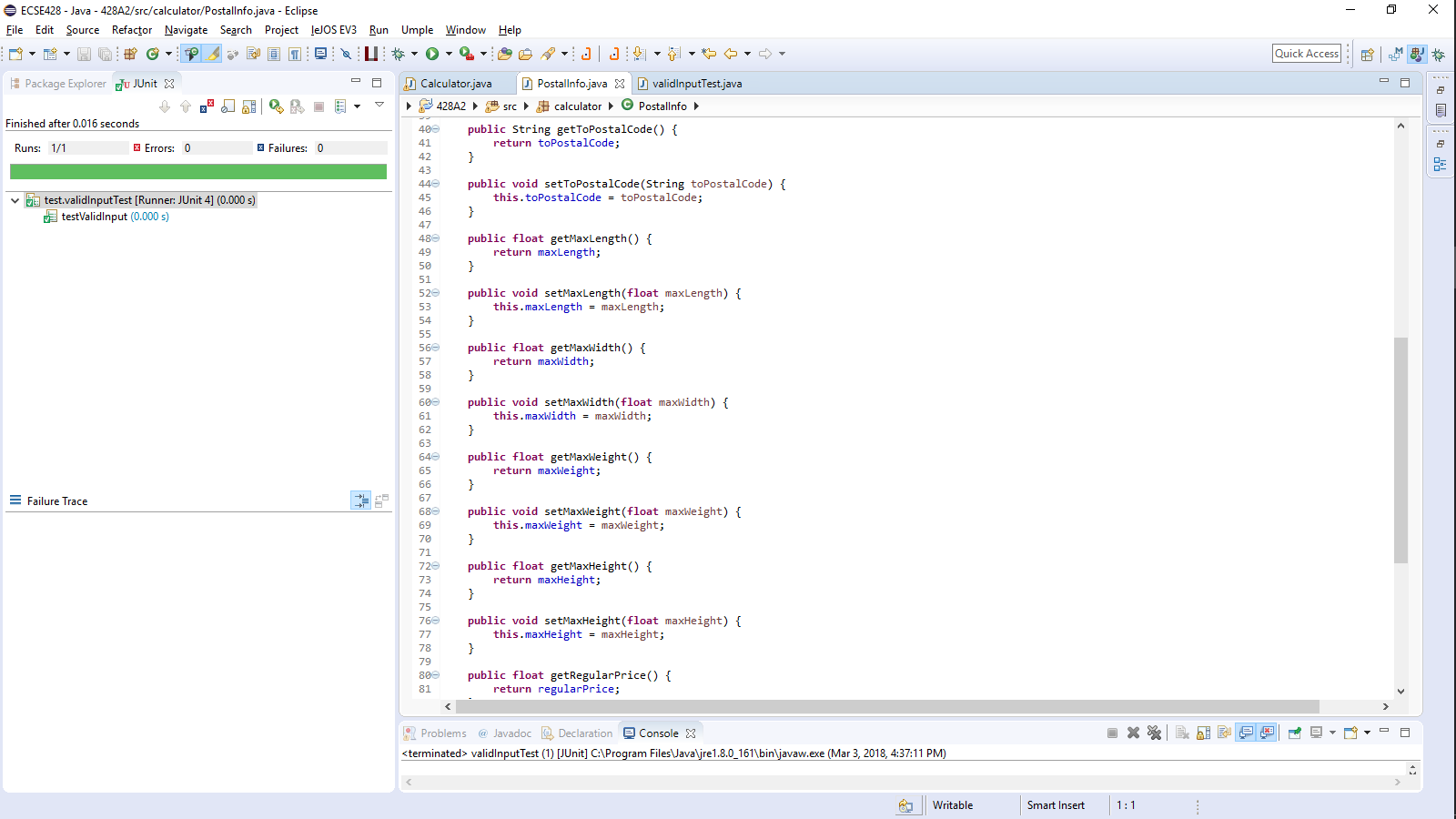


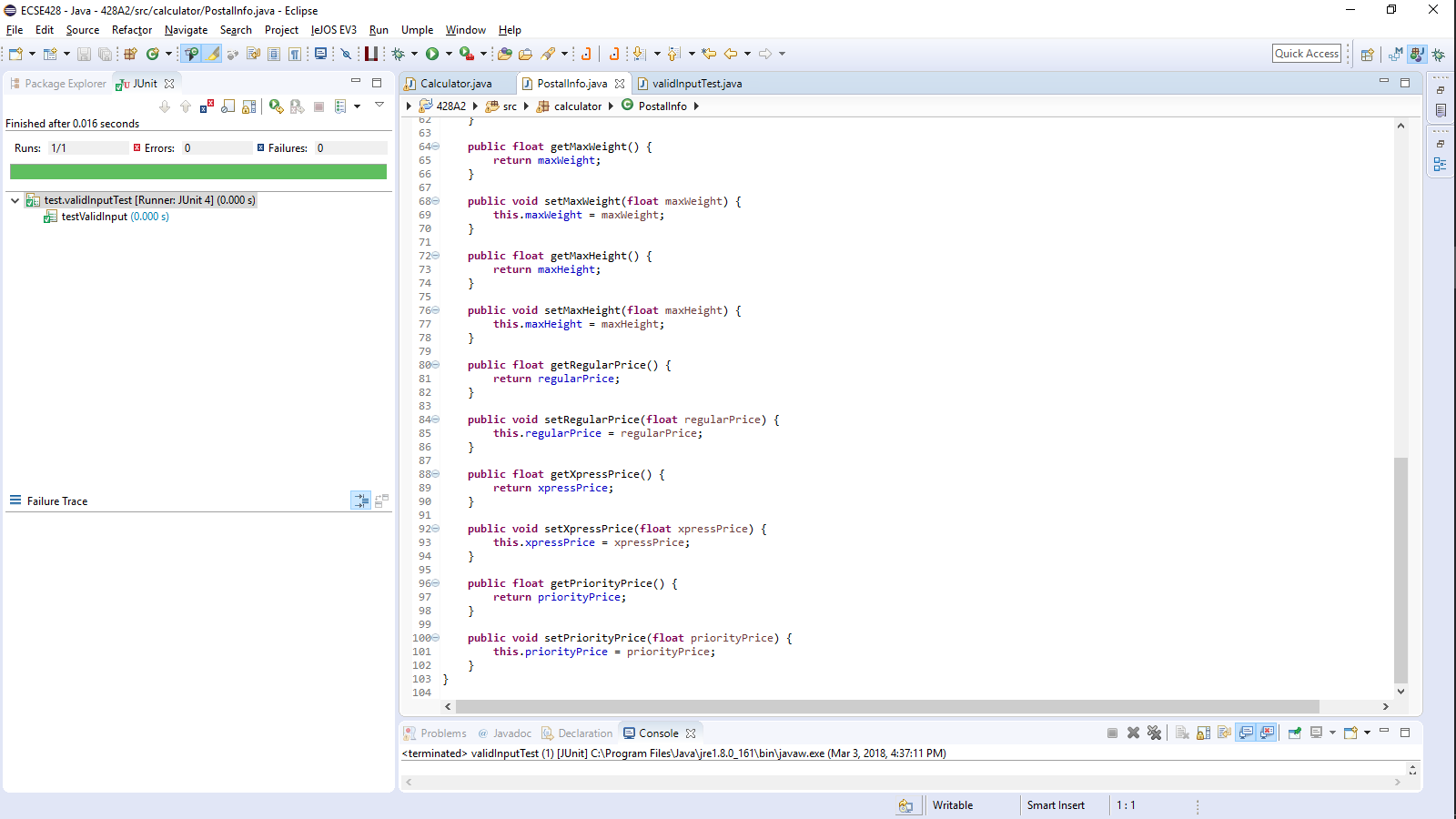




PostalInfo.java







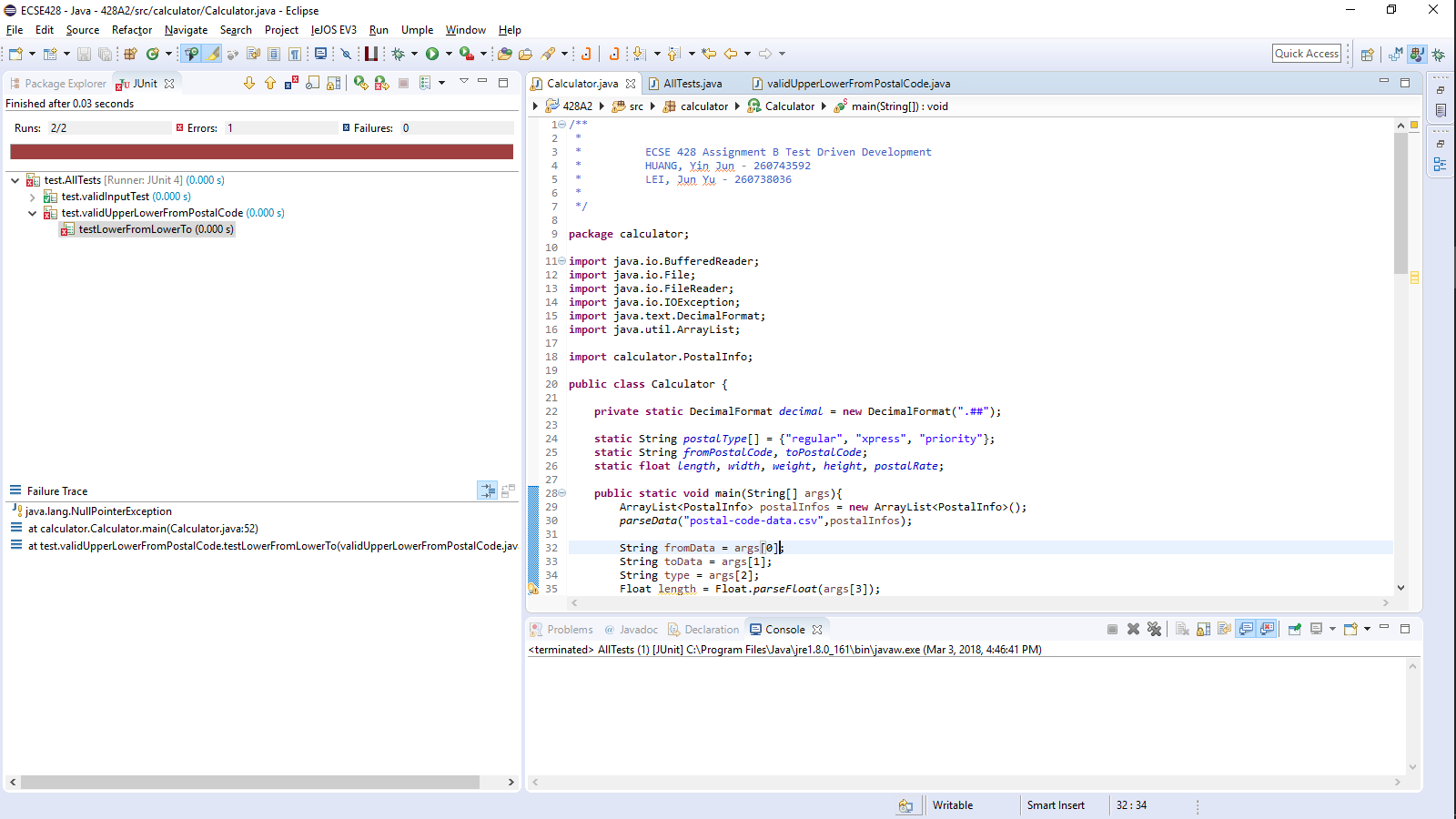
# Test x: validUpperLowerFromPostalCode

Description:

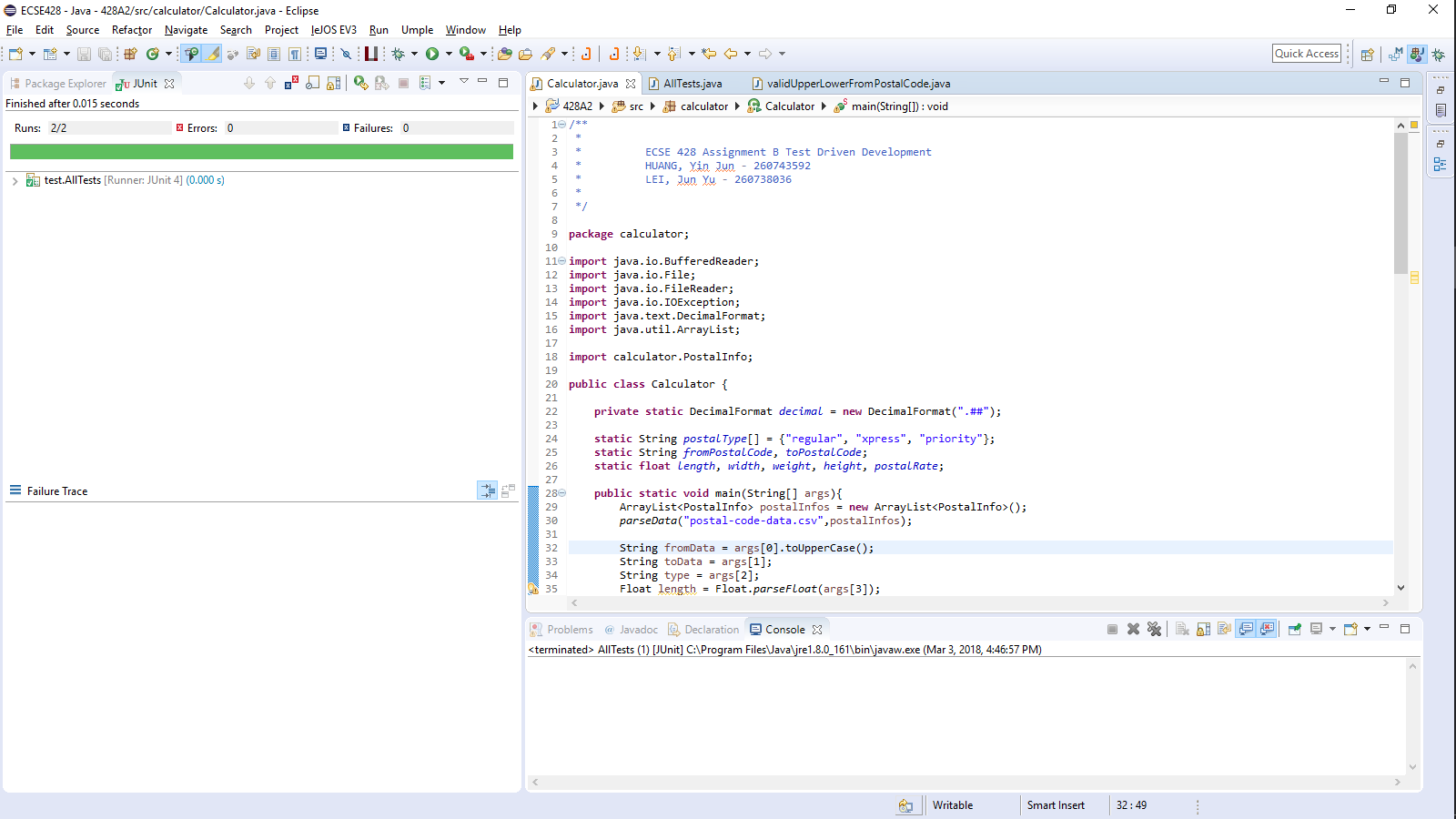
Setup:

Expected Result:

Failing Screen Shot



Succeeding Screen Shot



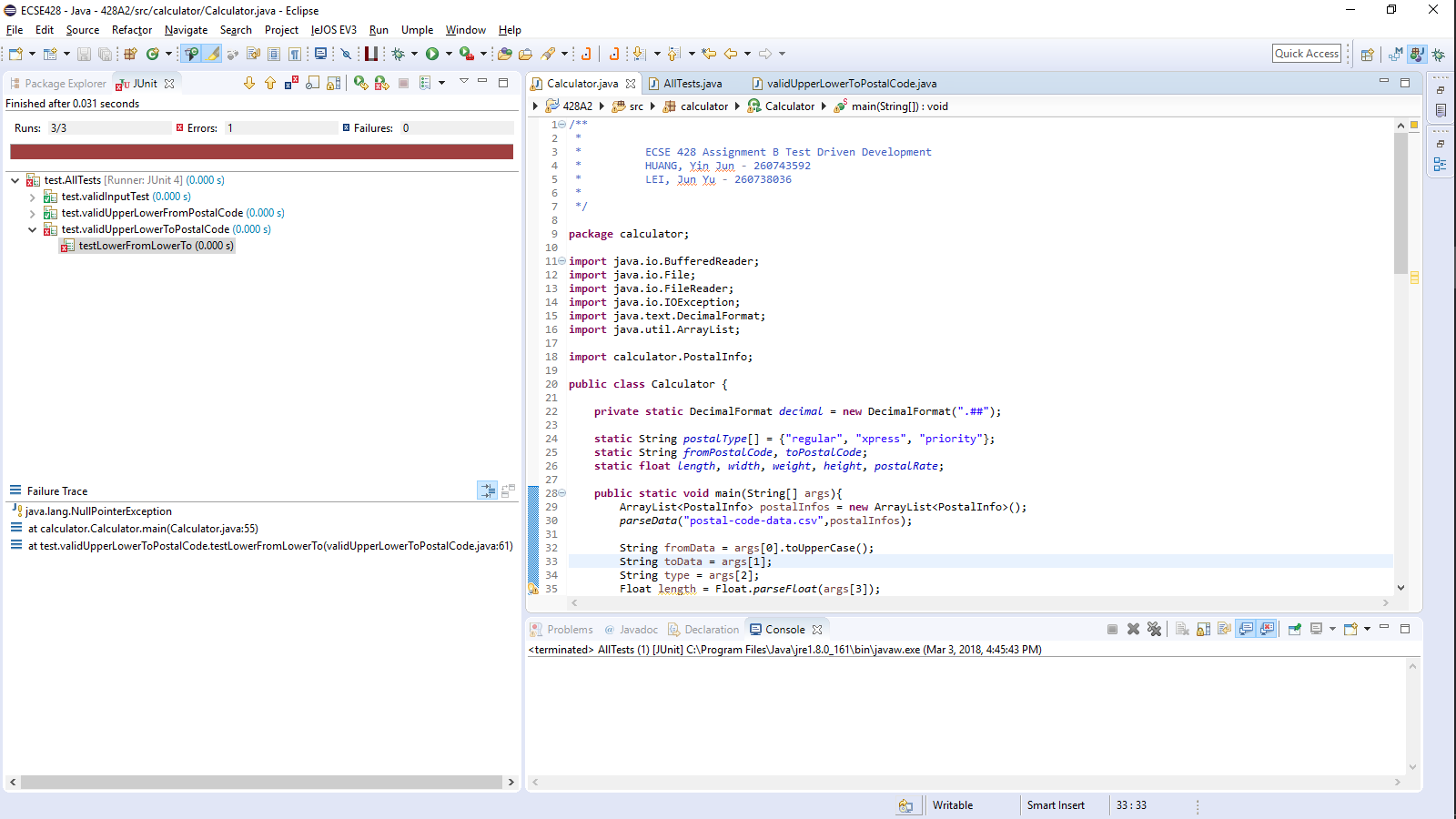
# Test x: validUpperLowerToPostalCode

Description:

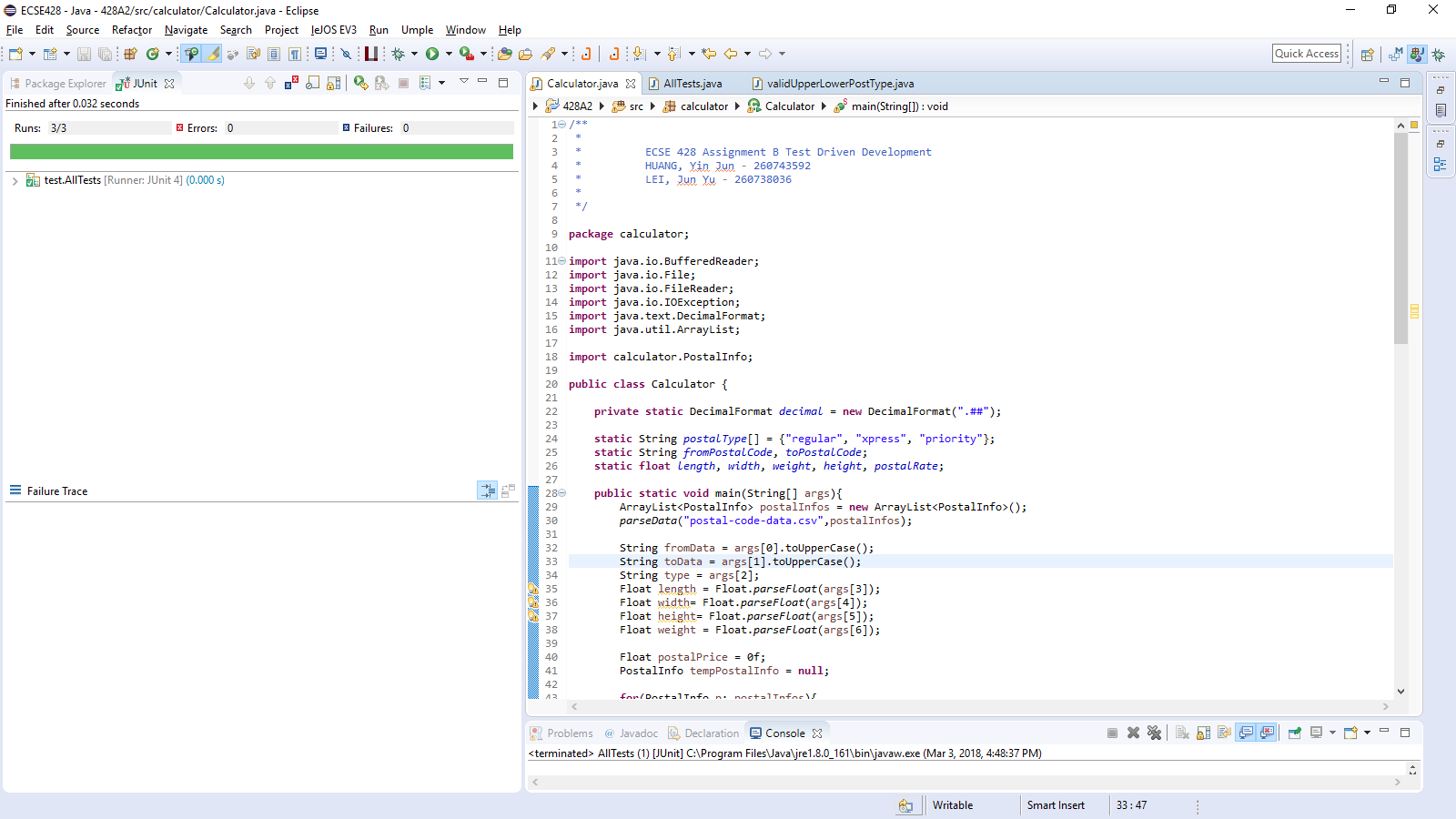
Setup:

Expected Result:

Failing Screen Shot



Succeeding Screen Shot



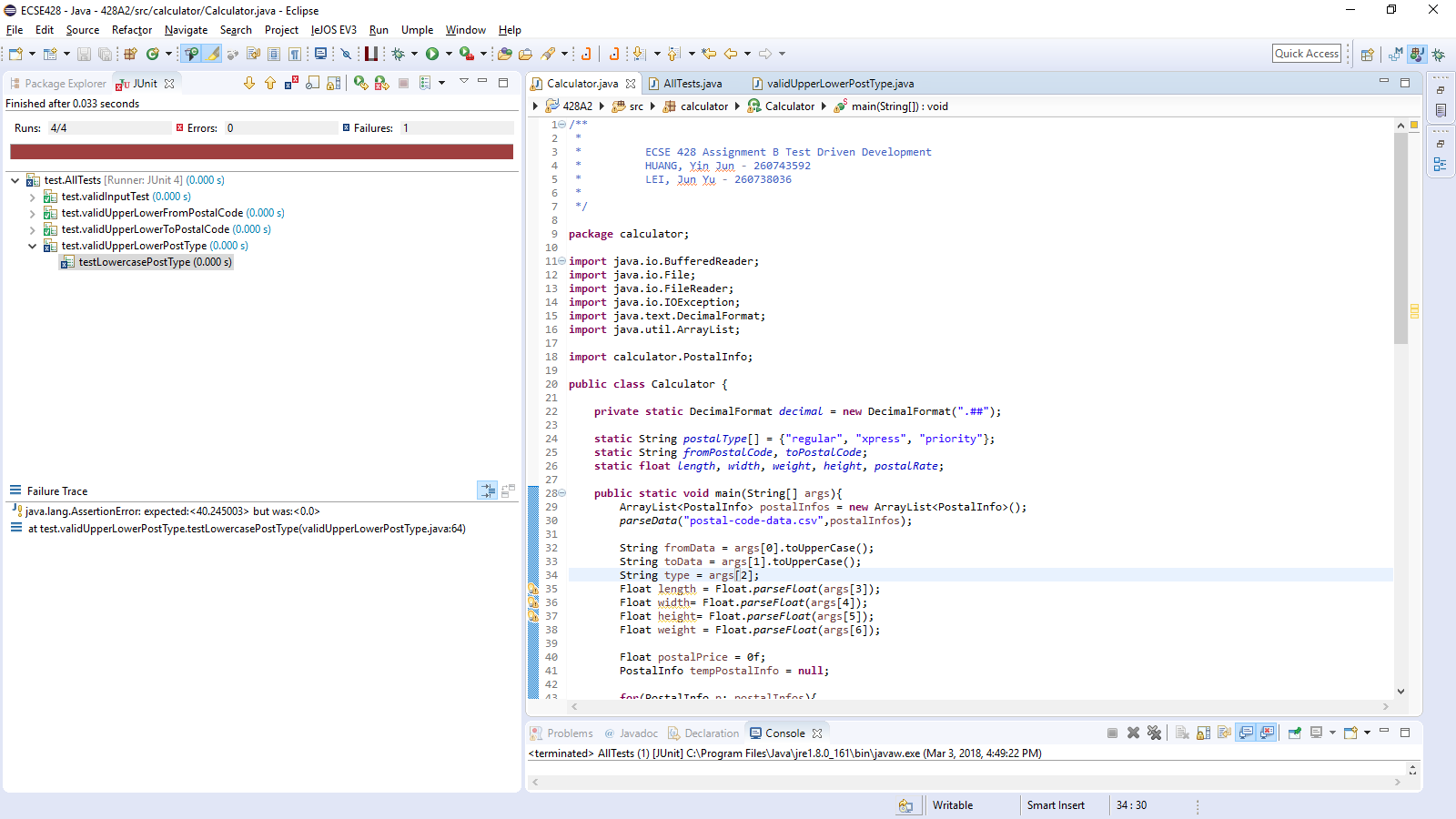
# Test x: validUpperLowerPostType

Description:

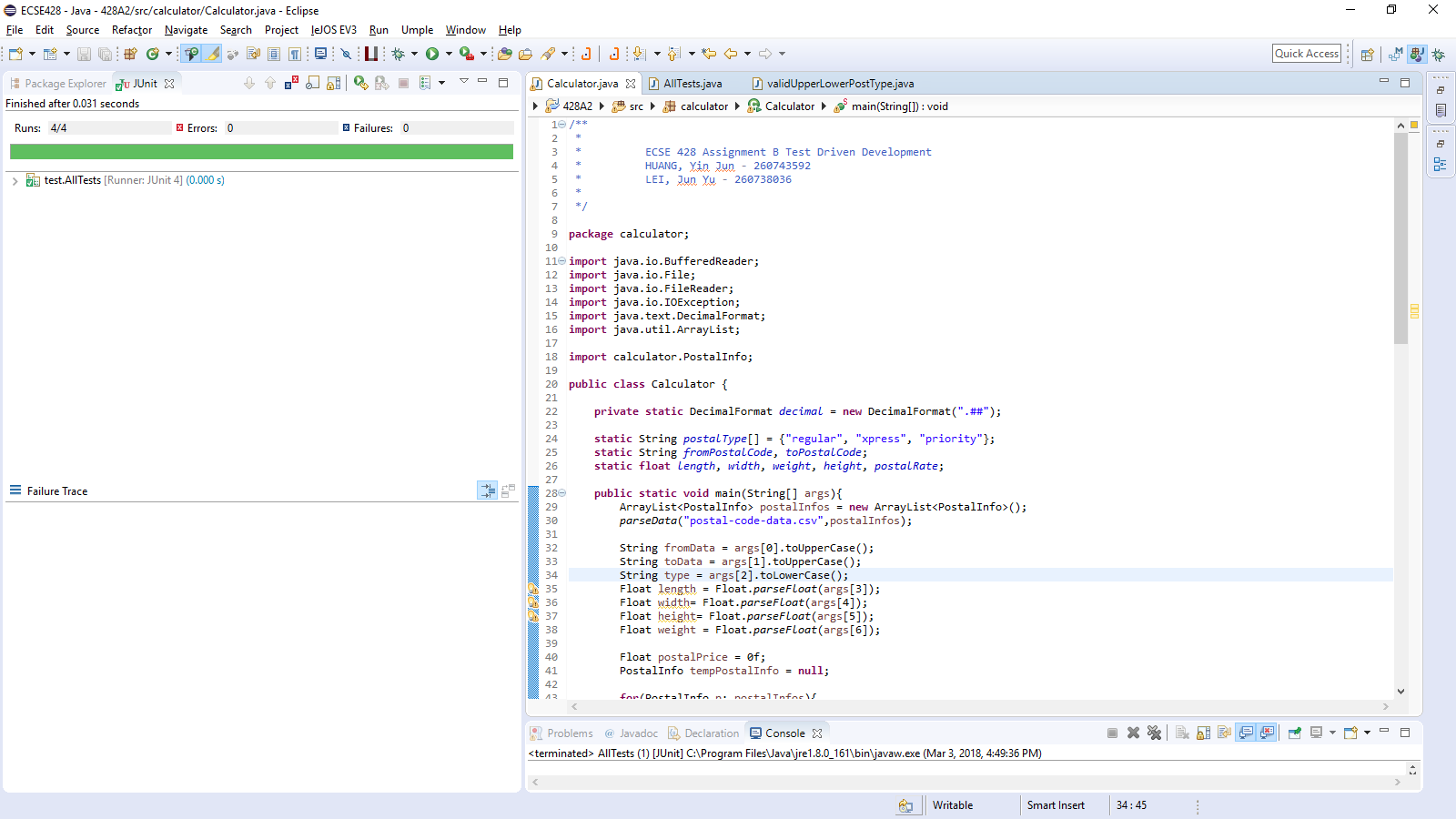
Setup:

Expected Result:

Failing Screen Shot



Succeeding Screen Shot



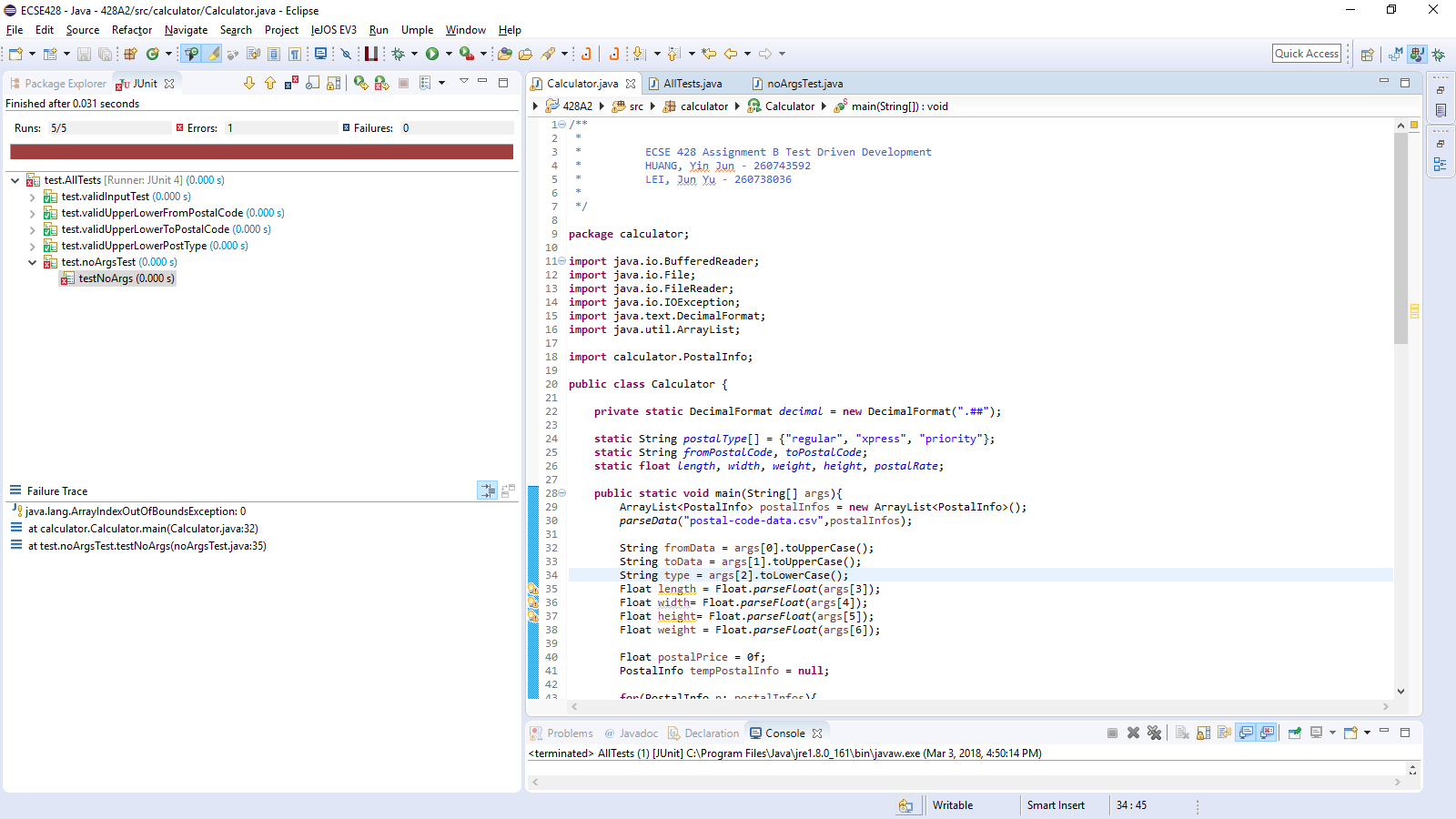
# Test x: noArgsTest

Description:

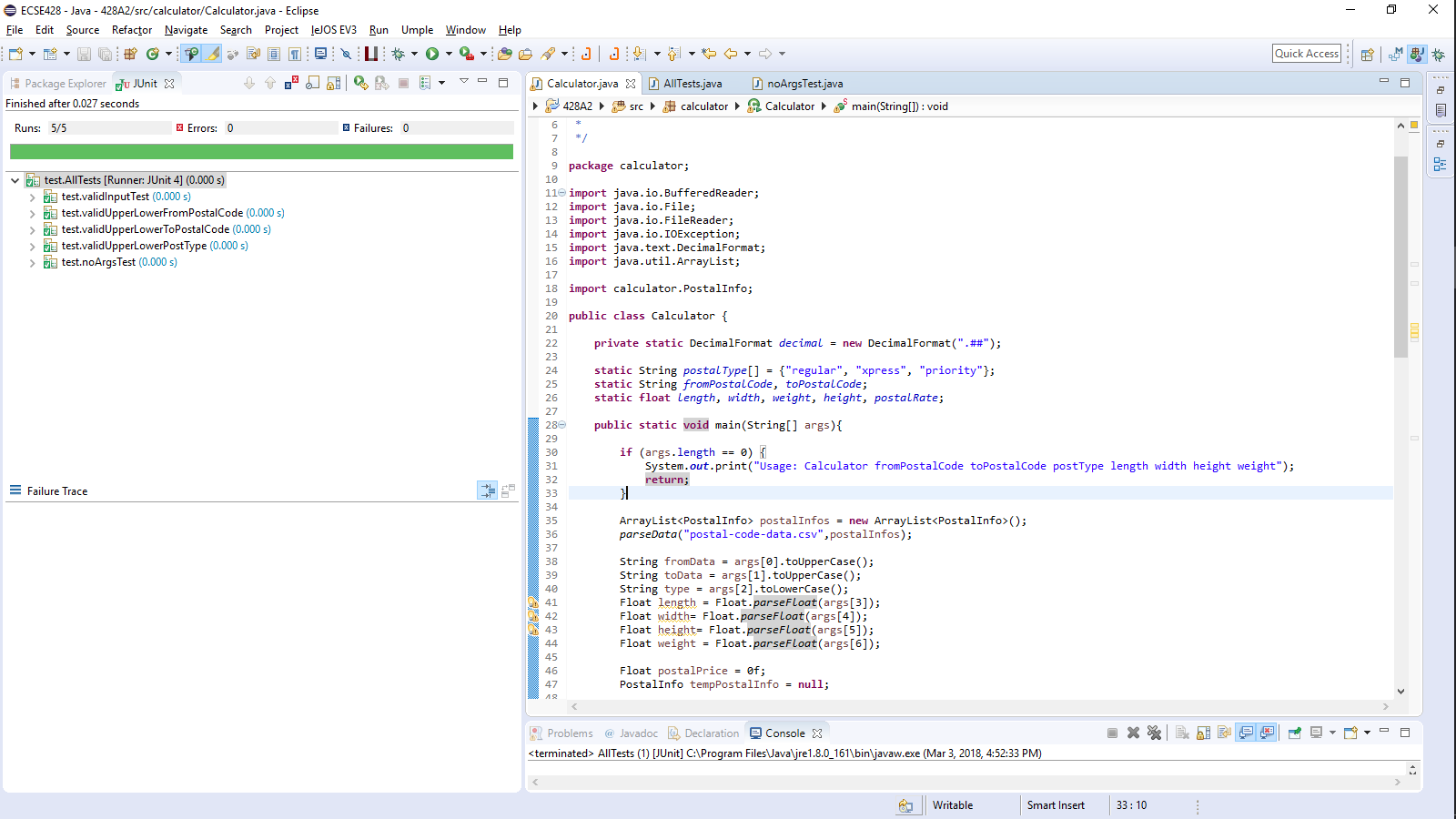
Setup: Calculator

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

Failing Screen Shot



Succeeding Screen Shot



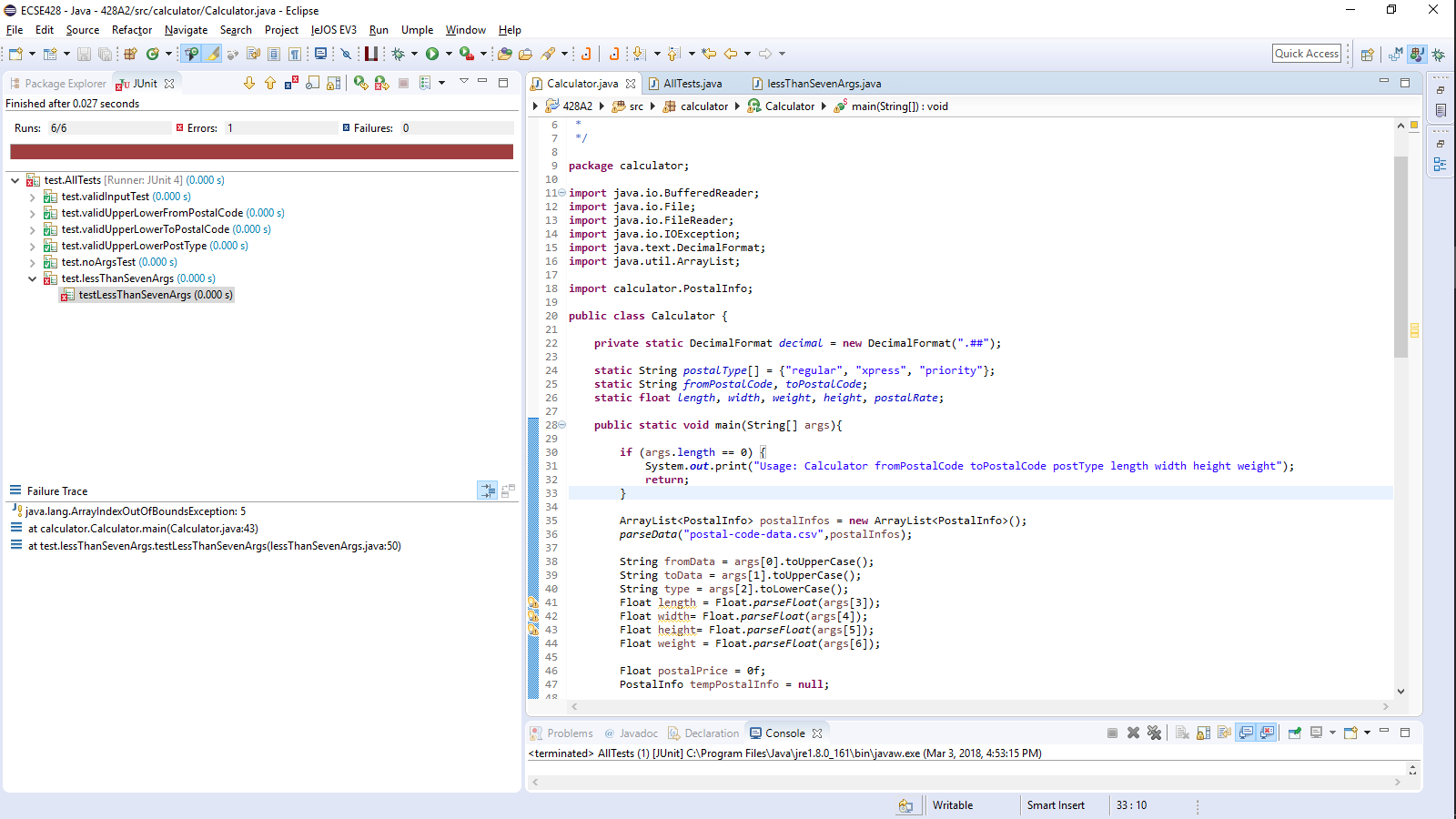
# Test x: lessThanSevenArgs

Description:

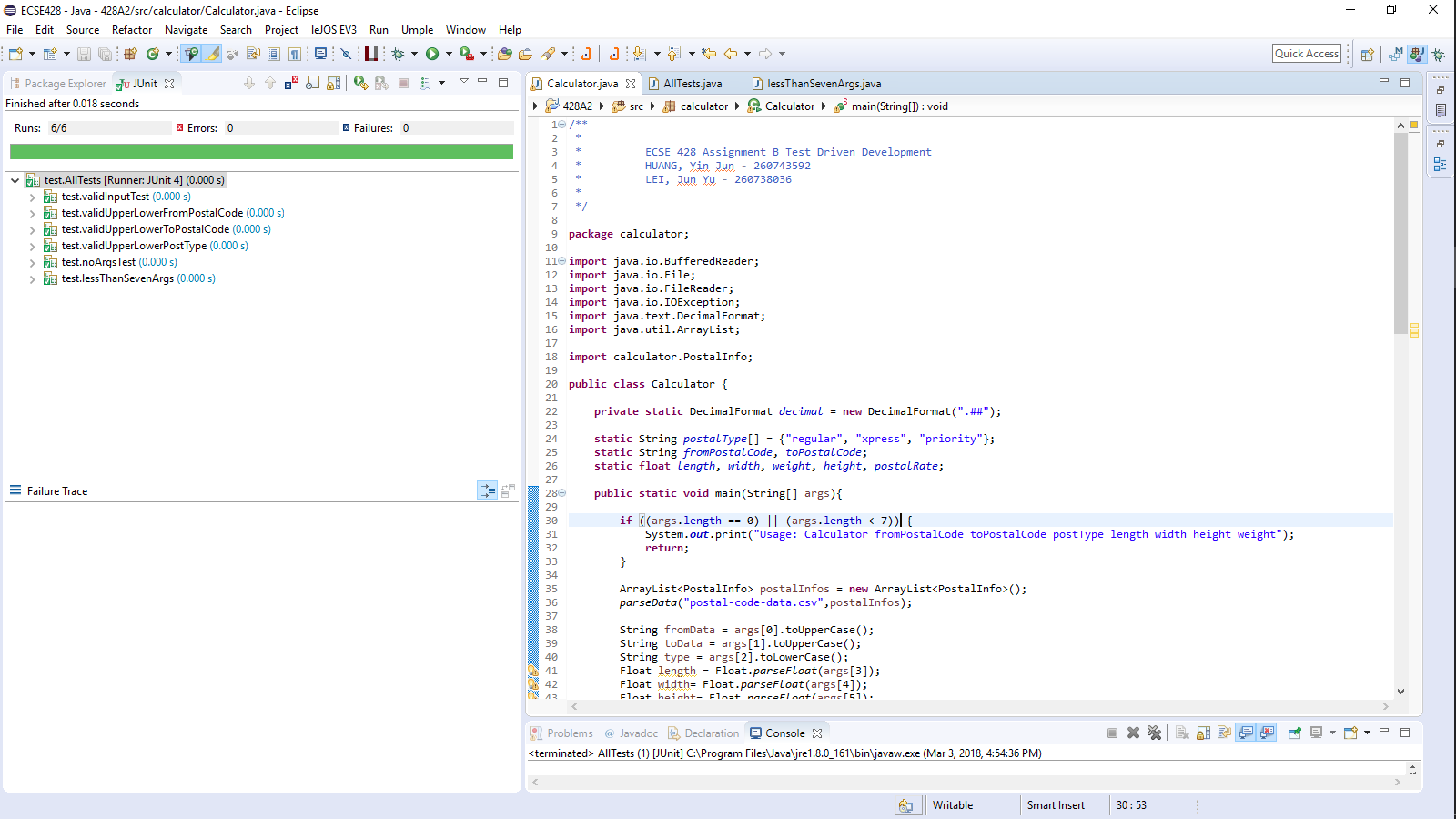
Setup:

Expected Result:

Failing Screen Shot



Succeeding Screen Shot



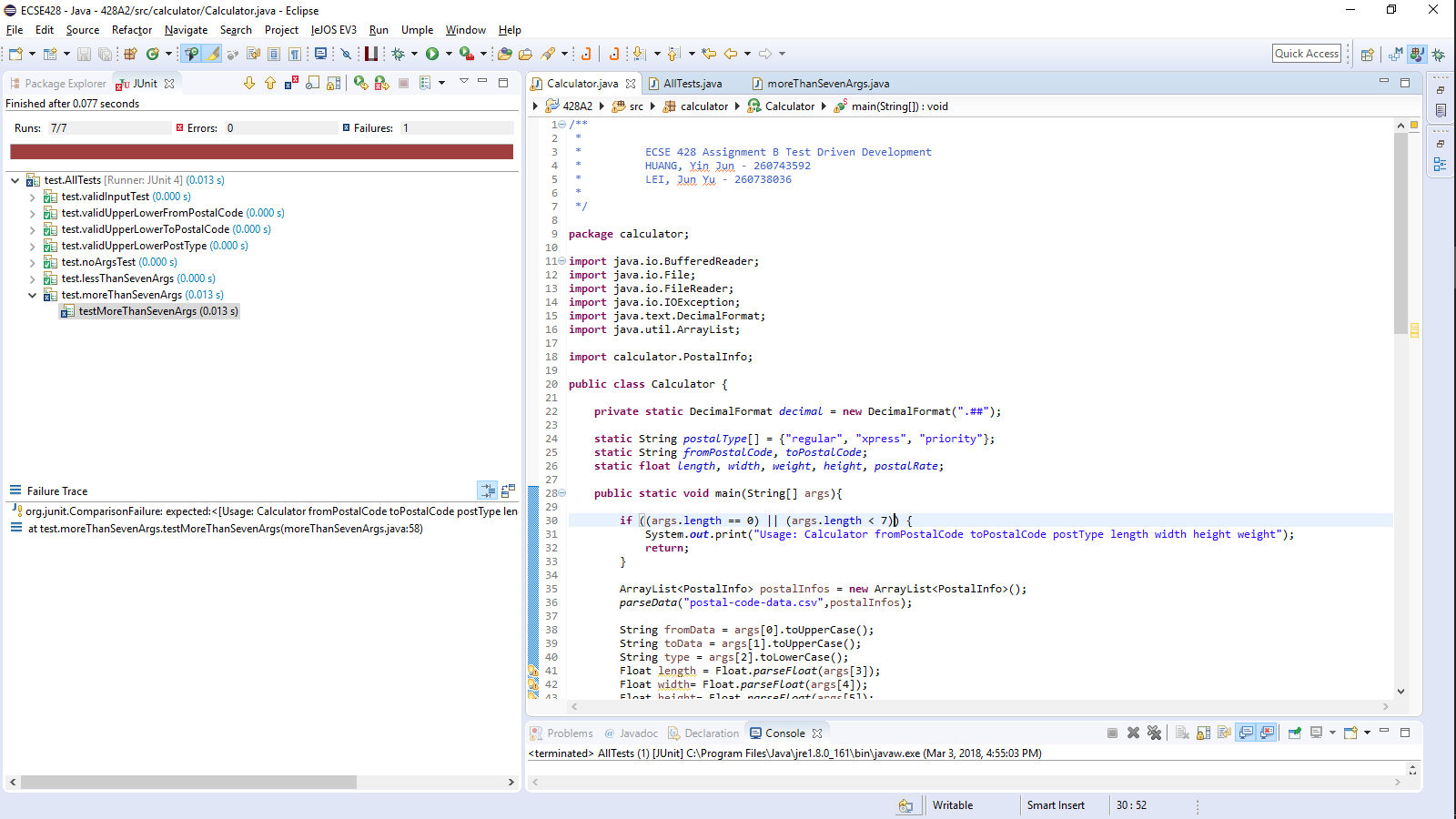
# Test x: moreThanSevenArgs

Description:

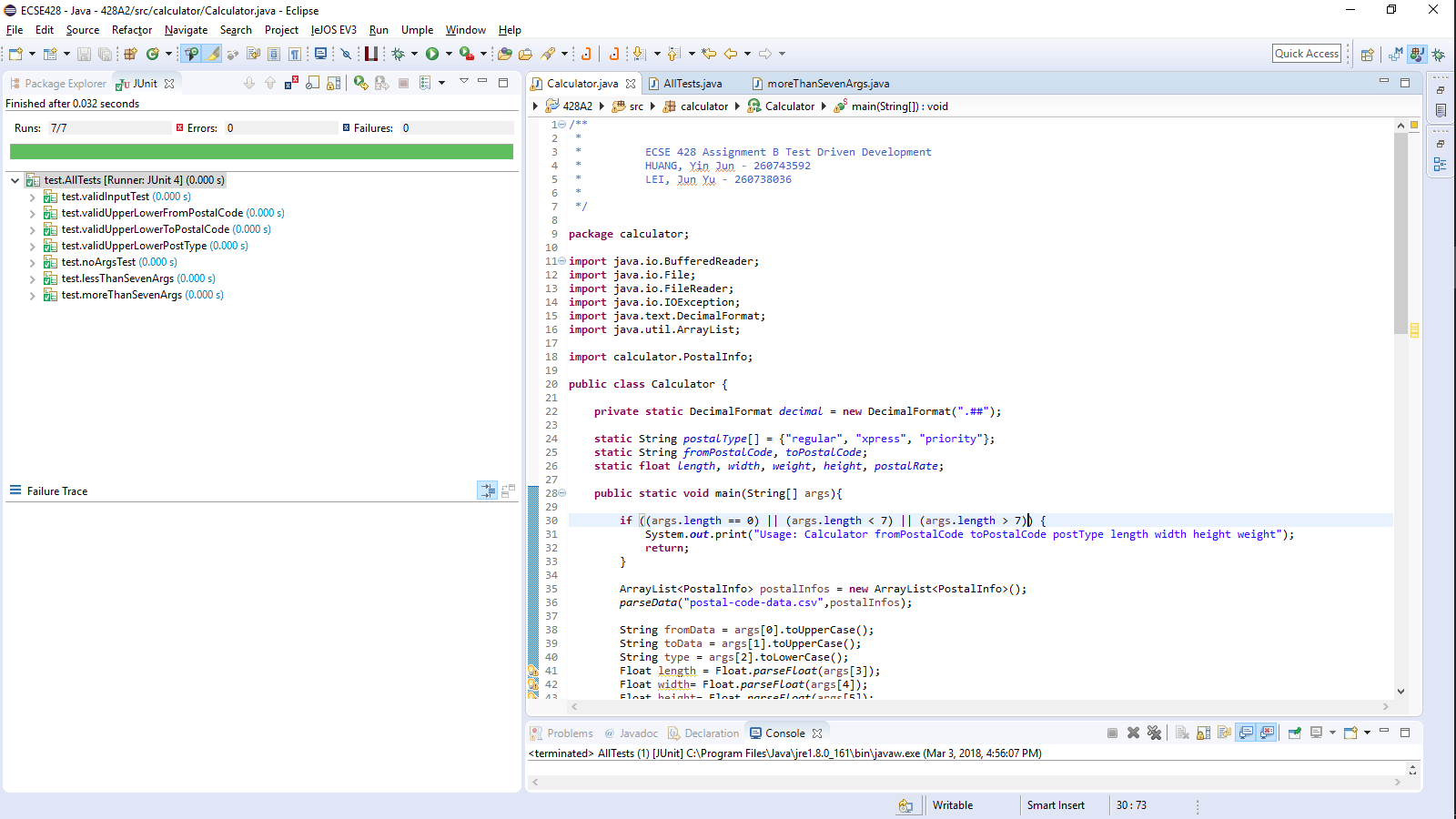
Setup:

Expected Result:

Failing Screen Shot



Succeeding Screen Shot



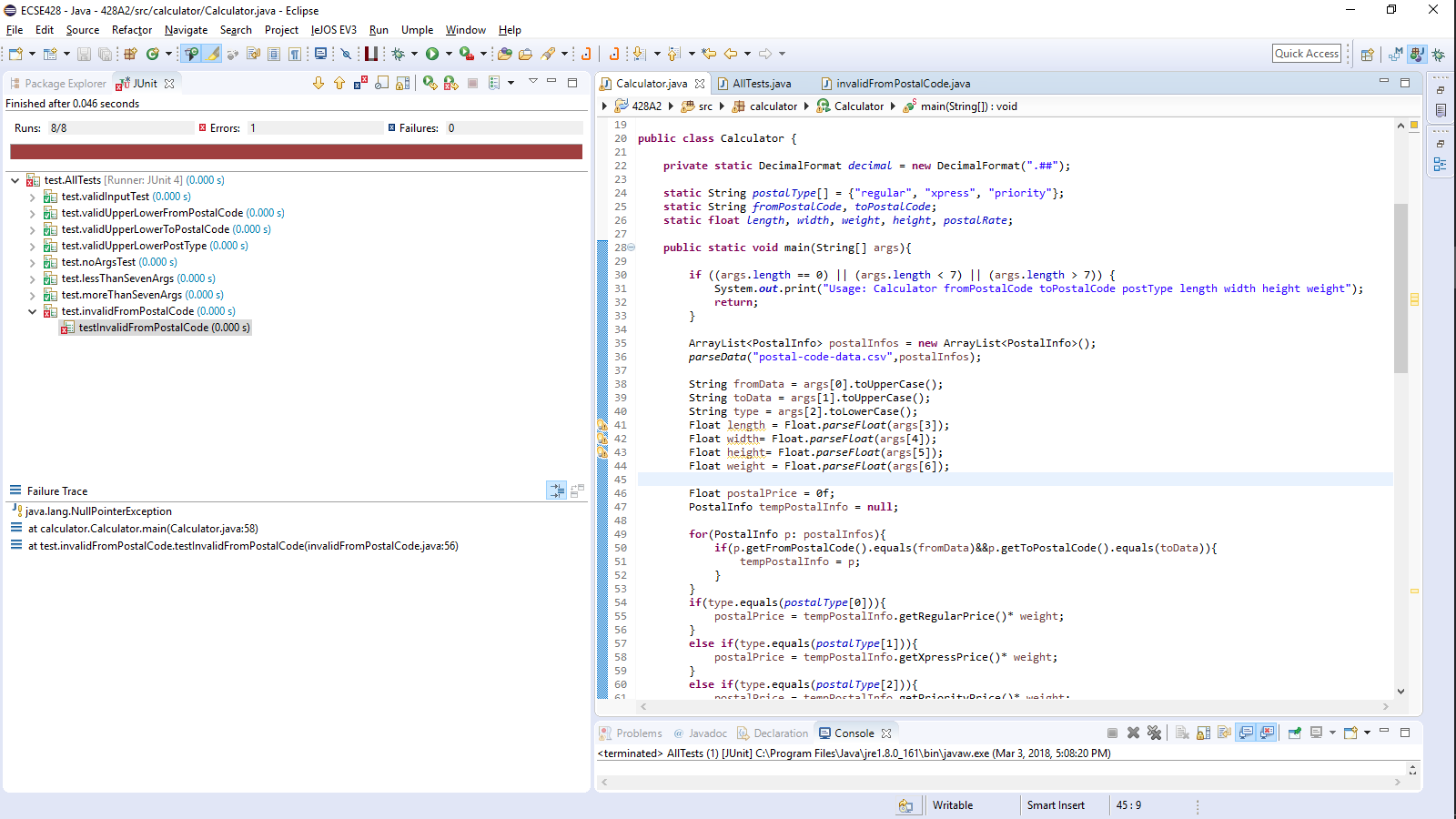
# Test x: invalidFromPostalCode

Description:

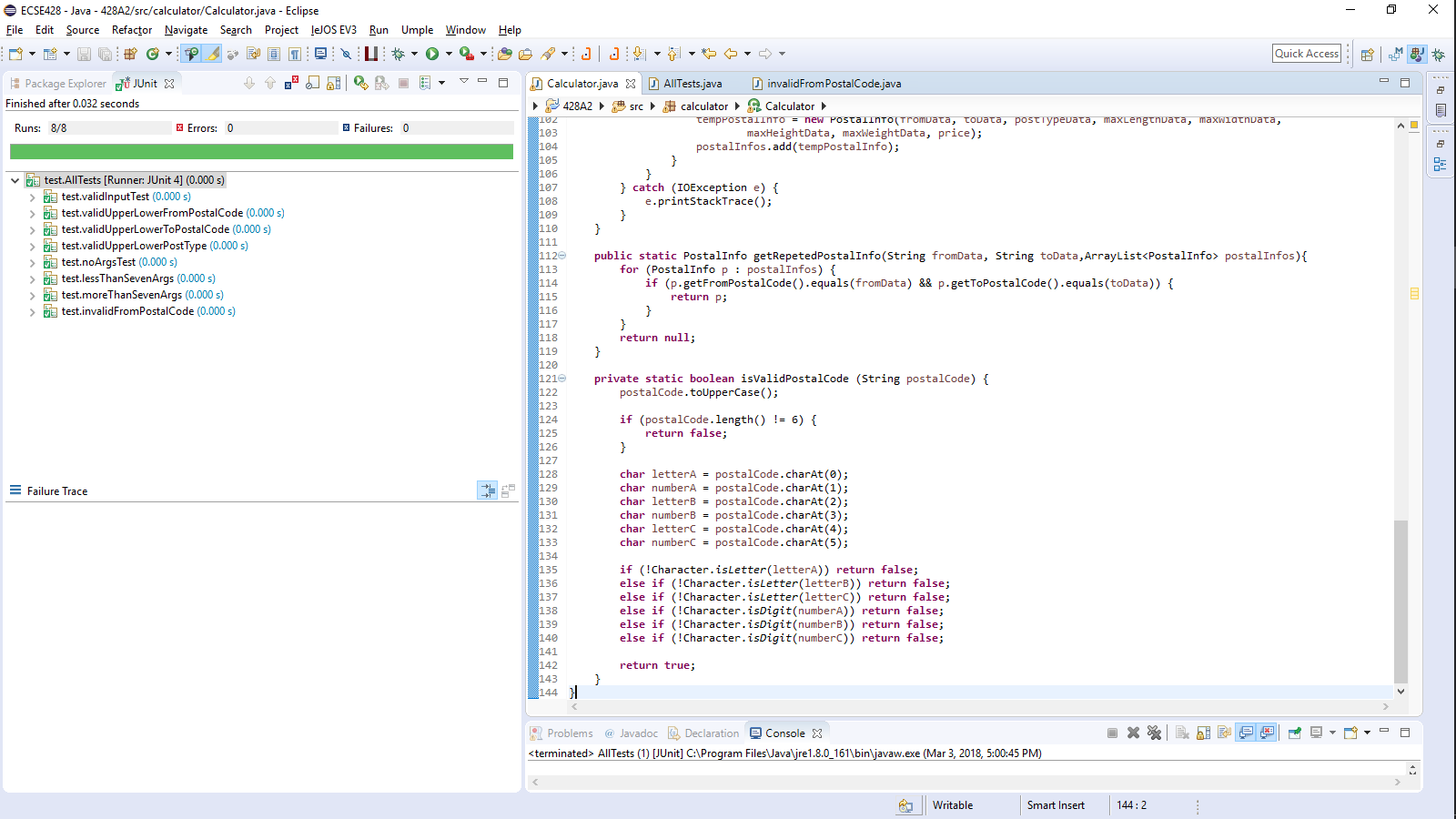
Setup:

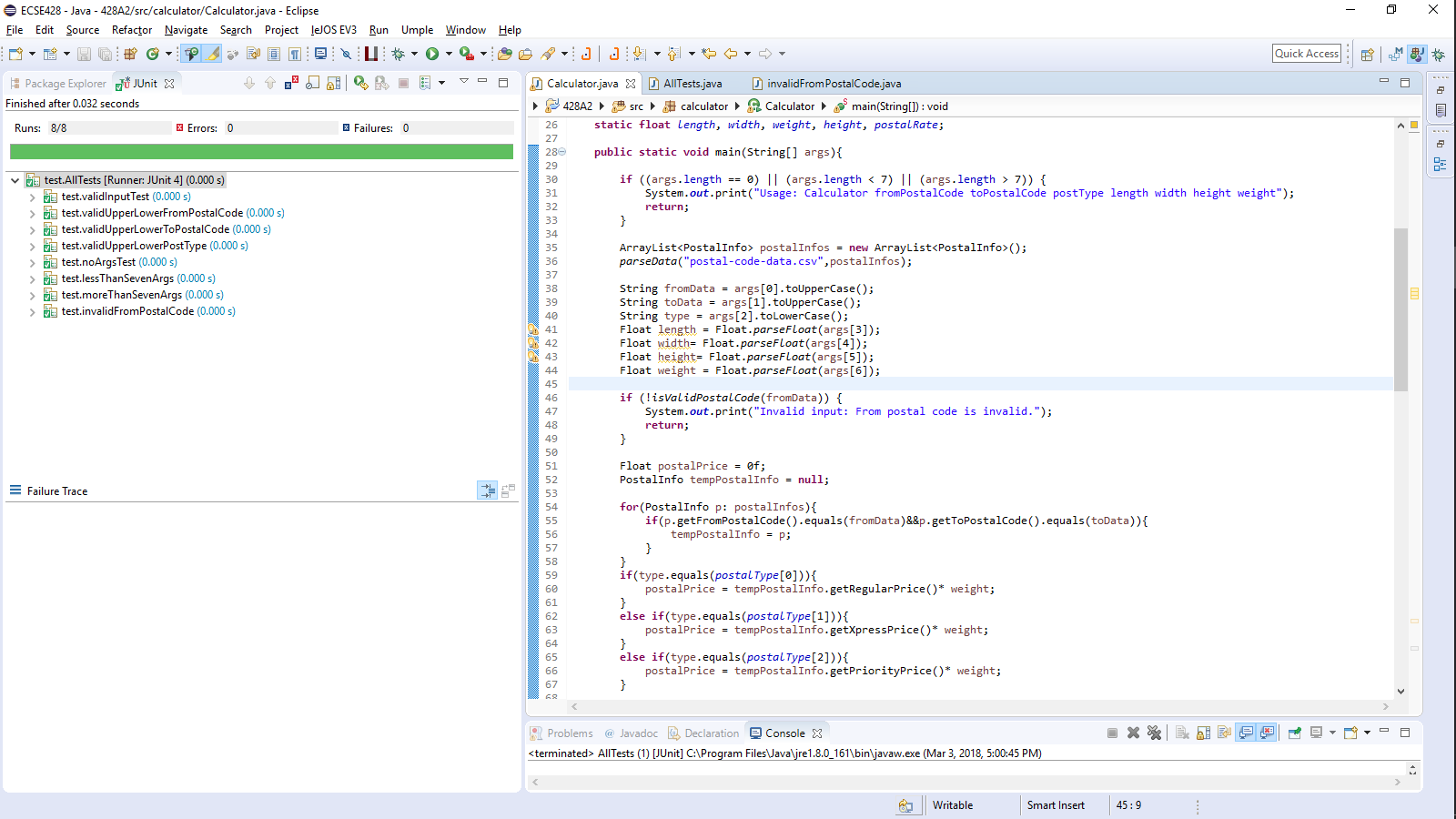
Expected Result:

Failing Screen Shot



Succeeding Screen Shot





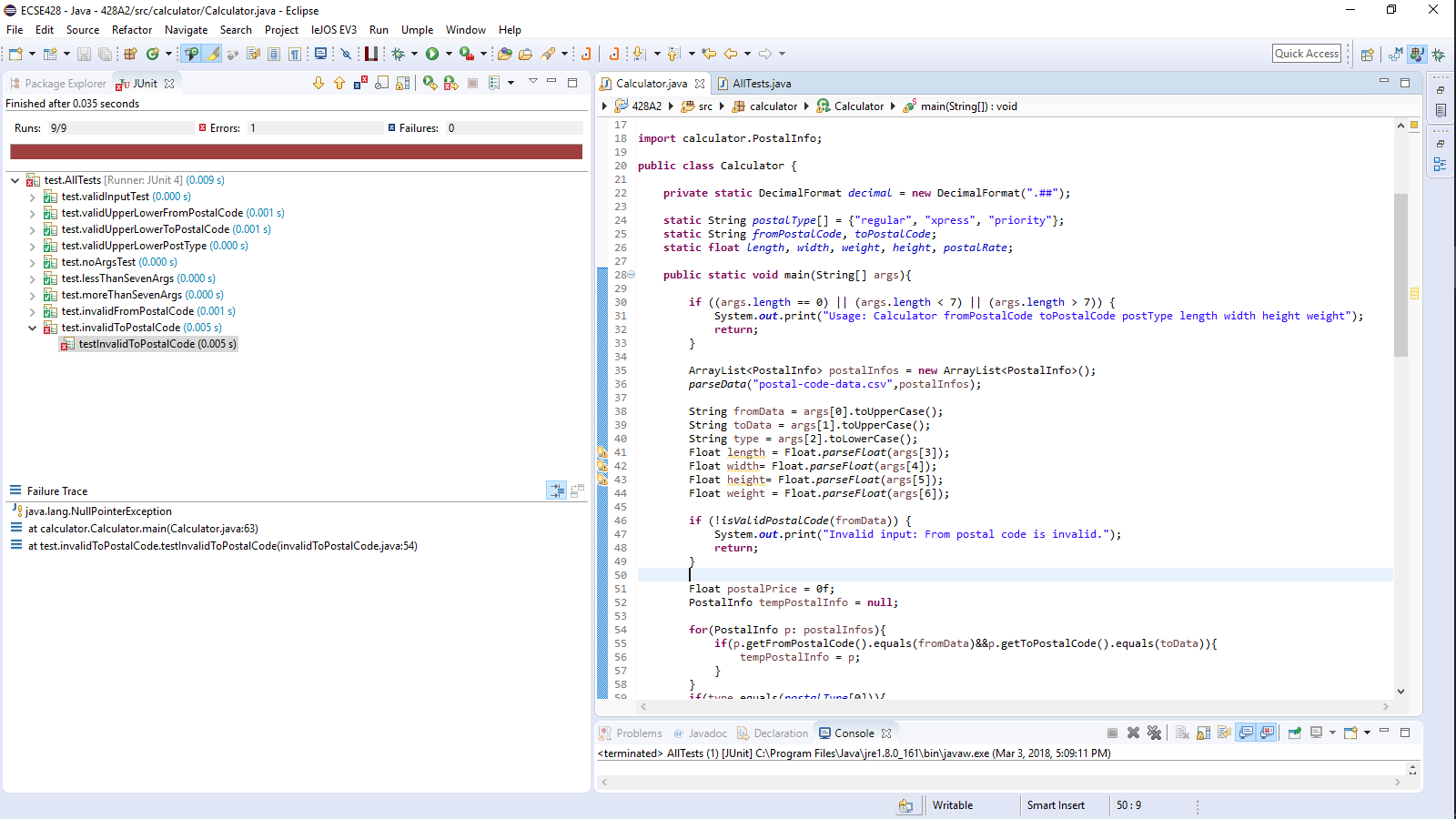
# Test x: invalidToPostalCode

Description:

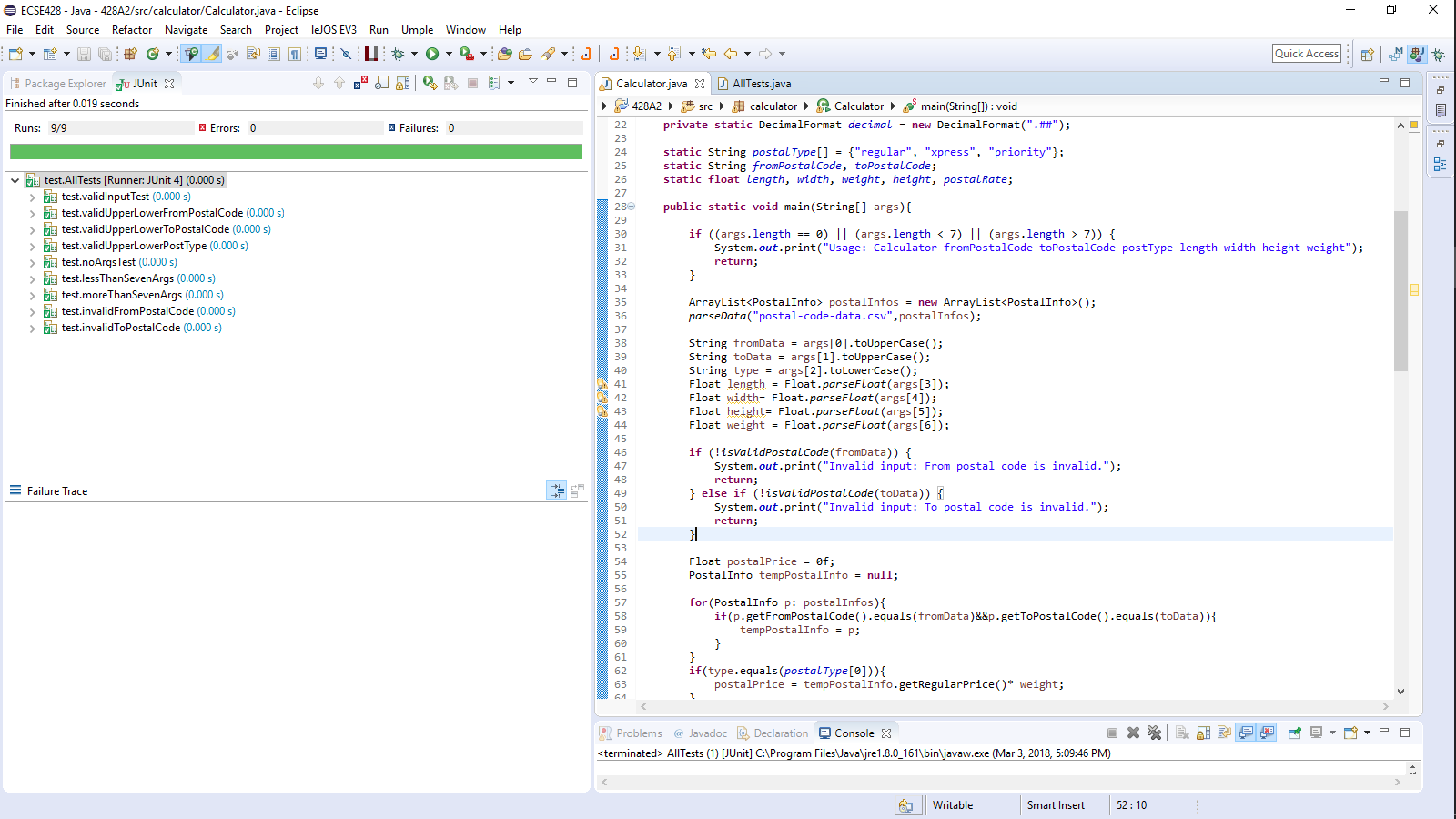
Setup:

Expected Result:

Failing Screen Shot



Succeeding Screen Shot



# Test x: invalidPostType

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: nonExistentFromPostalCode

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: nonExistentToPostalCode

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: nonMatchingPostalCodes

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: invalidDimensions

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: invalidWeight

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: lessOrEqualToZeroDimensions

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: lessOrEqualToZeroWeight

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: overMaxDimensions

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot

# Test x: overMaxWeight

Description:

Setup:

Expected Result:

Failing Screen Shot

Succeeding Screen Shot