# Test 1: getDimensionSubRateTest

## Purpose:

To demonstrate the ability to parse rates from sub tables. Every table consists of a column outlining the ranges of each attribute of a parcel (e.g. weight, height) and column outlining the respective sub-rates associated with each range.

## Inputs and Expected Output:

The value of the attribute being tested, and the columns to consider. The output is the rate associated with the range that the attribute falls into.

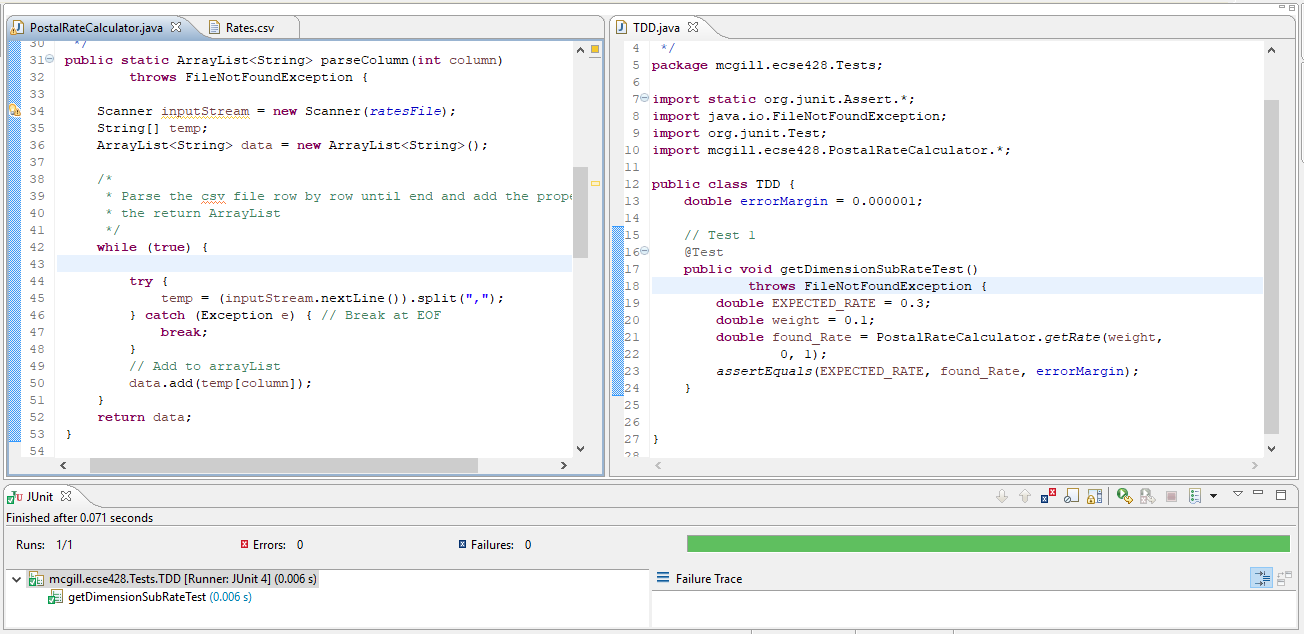
## Assumptions:

The assumption for this test is that the attribute has been verified to fall within range, and to be of correct format.

**Note:** The first and second screenshots illustrate the same test run but showing a helper method, and the tested method respectively. The success of the tested method indicates the success of the helper method.

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_1_Fail.pngFailing Screenshot:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_1.2_Pass.pngPassing Screenshot:



# Test 2: typeRate

## Purpose:

## Inputs:

## Assumptions:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_2_Fail.pngFailing Screenshot:

## Passing Screenshot:

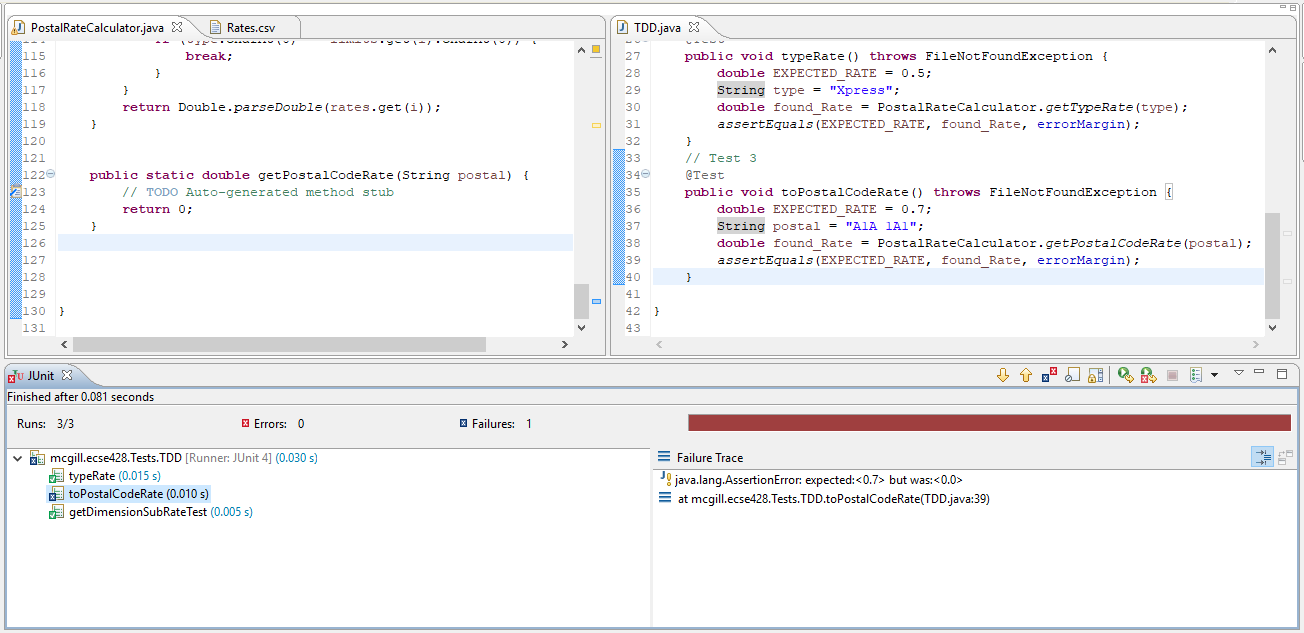
# C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_2_Pass.pngTest 3: toPostalCodeRate

## Purpose:

## Inputs:

## Assumptions:

## Failing Screenshot:



## Passing Screenshot:

# C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_3_Pass.pngTest 4: baseFullRateTest

## Purpose:

## Inputs:

## Assumptions:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_4_Fail.pngFailing Screenshot:

## Passing Screenshot:

# C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_4_Pass.pngTest 5: fullRateWeightChange

## Purpose:

## Inputs:

## Assumptions:

## Failing Screenshot:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_5_Pass.pngPassing Screenshot:

# Test 6: fullRateHeightChange

## Purpose:

## Inputs:

## Assumptions:

## Failing Screenshot:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_6_Pass.pngPassing Screenshot:

# Test 7: fullRateLengthChange

## Purpose:

## Inputs:

## Assumptions:

## Failing Screenshot:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_7_Pass.pngPassing Screenshot:

# Test 8: fullRateWidthChange

## Purpose:

## Inputs:

## Assumptions:

## Failing Screenshot:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_8_Pass.pngPassing Screenshot:

# Test 9: fullRateTypeChange

## Purpose:

## Inputs:

## Assumptions:

## Failing Screenshot:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_9_Pass.pngPassing Screenshot:

# Test 10: fullRateToPostalCodeChange

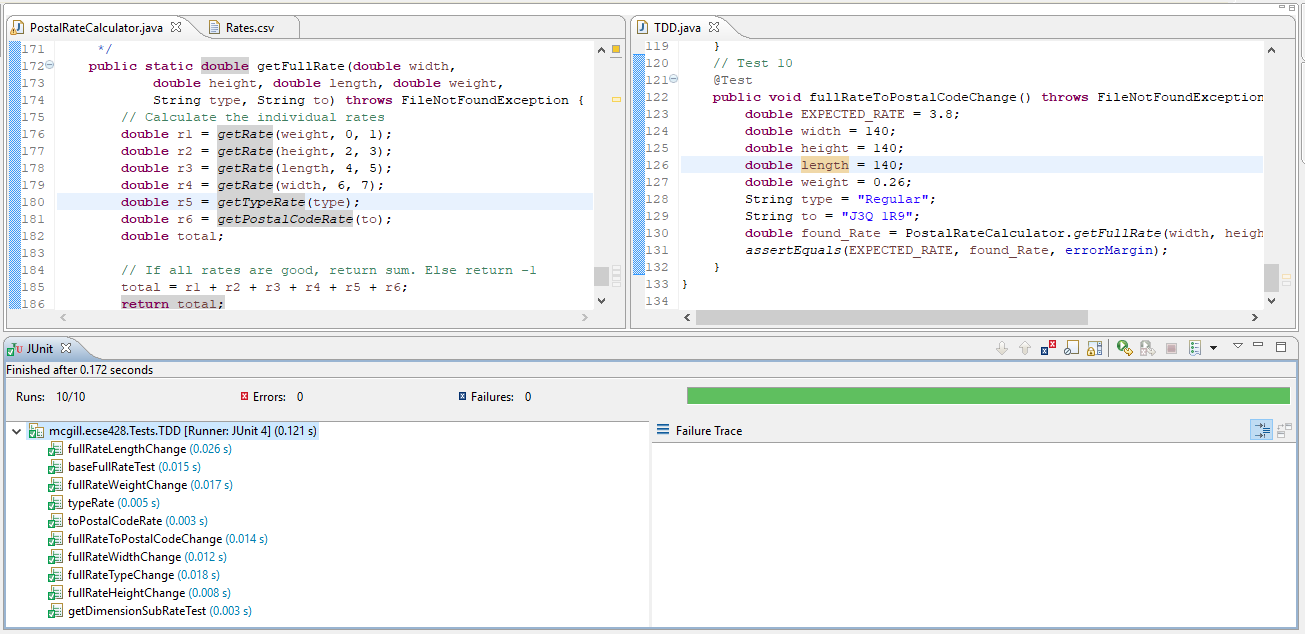
## Purpose:

## Inputs:

## Assumptions:

## Failing Screenshot:

## Passing Screenshot:



# Test 11: inValidDimensionFormat

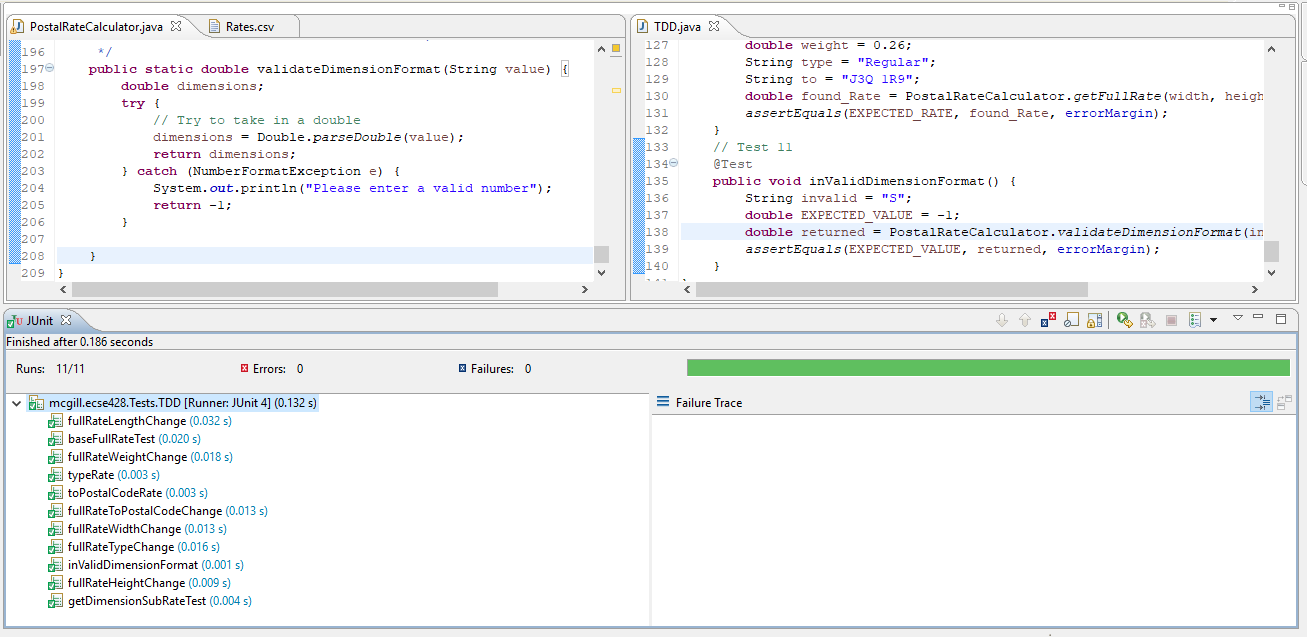
## Purpose:

## Inputs:

## Assumptions:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_11_Fail.pngFailing Screenshot:

## Passing Screenshot:



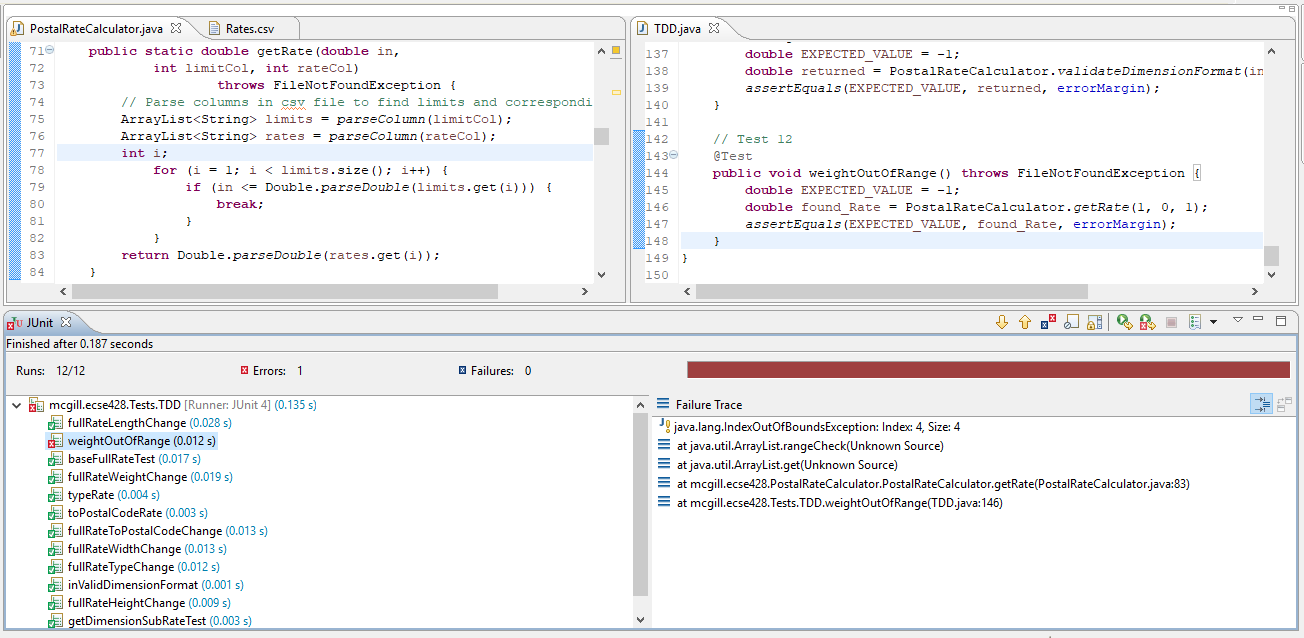
# Test 12: weightOutOfRange

## Purpose:

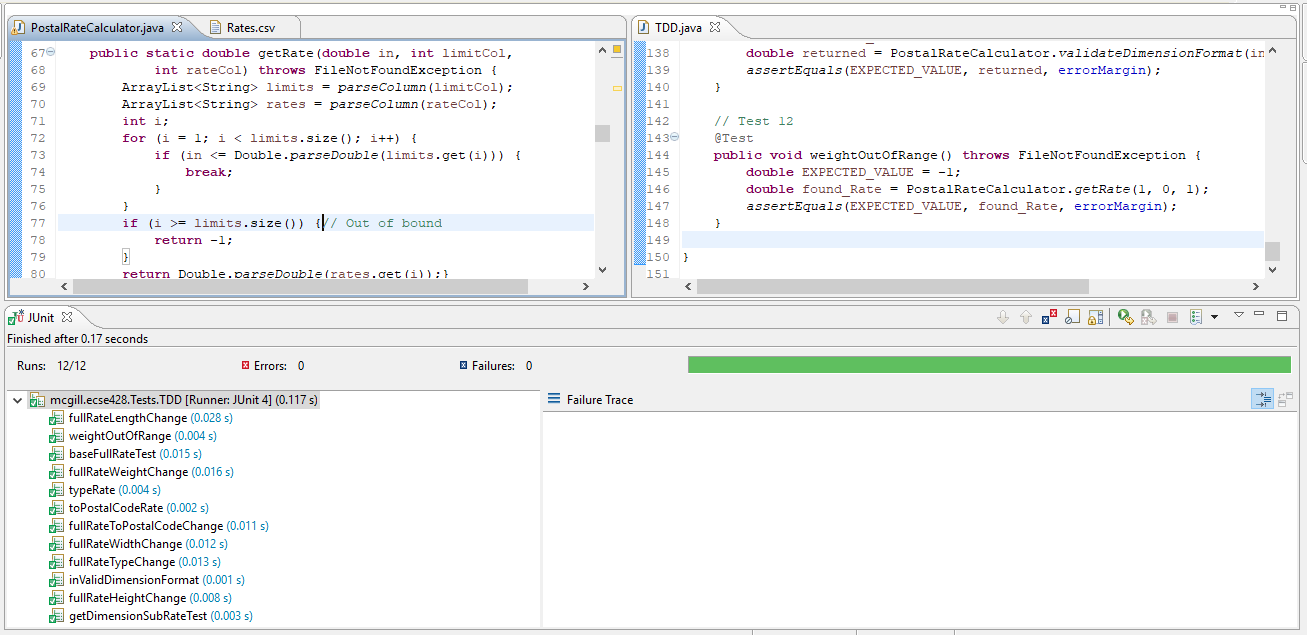
## Inputs:

## Assumptions:

## Failing Screenshot:



## Passing Screenshot:



# Test 13: heightOutOfRange

## Purpose:

## Inputs:

## Assumptions:

## Failing Screenshot:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_13_Pass.pngPassing Screenshot:

# Test 14: lengthOutOfRange

## Purpose:

## Inputs:

## Assumptions:

## Failing Screenshot:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_14_Pass.pngPassing Screenshot:

# Test 15: widthOutOfRange

## Purpose:

## Inputs:

## Assumptions:

## Failing Screenshot:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_15_Pass.pngPassing Screenshot:

# Test 16: invalidType

## Purpose:

## Inputs:

## Assumptions:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_16_Fail.pngFailing Screenshot:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_16_Pass.pngPassing Screenshot:

# Test 17: invalidFromPostalCode

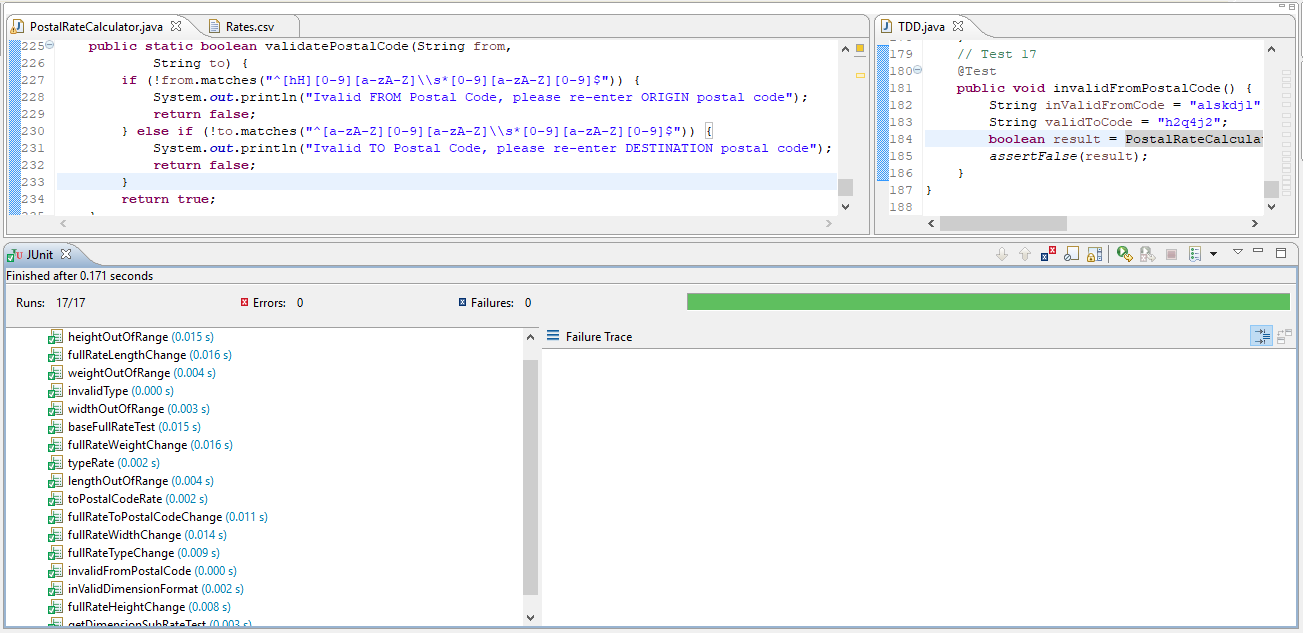
## Purpose:

## Inputs:

## Assumptions:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_17_Fail.pngFailing Screenshot:

## Passing Screenshot:



# Test 18: invalidToPostalCode

## Purpose:

## Inputs:

## Assumptions:

## Failing Screenshot:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_18_Pass.pngPassing Screenshot:

# Test 19: negativeDimensions

## Purpose:

## Inputs:

## Assumptions:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_19_Fail.pngFailing Screenshot:

## C:\Users\karim\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Test_19_Pass.pngPassing Screenshot: