Grading for: HW3

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Repo URL: https://github.ccs.neu.edu/cs5500/Student-418-SP19
Commit Date: Jan 25, 2019, 4:42 PM PST
Commit ID: 84bbe4c8c85d1a4bfcb93f6274da3866a0df6168
Late: No
Grader: Nathan Drain

Score: 55.0

Rubric Items

Question: Problem 1: for problem 1.factorial(), create a CFG, create a test specification that will produce 100 branch coverage, and comment whether this specification is sufficient for accepting or rejecting the code.

-1pts CFG has eight nodes or 11 nodes

total deduction taken: 1.0

Question: Problem 2: for problem2.trim(), create a CFG, create a test specification that will produce 100 branch coverage, and comment whether this specification is sufficient for accepting or rejecting the code.

-1pts CFG has nine nodes or 11 nodes
+1pt Other - explained in comments

Question: Problem 3: Consider the two methods: IRS.youOwe and IRS.youOwe2. From a structural testing perspective, please argue whether one should prefer one version or the other, or explain why neither structure matters.

-1pts Simple condition coverage is mentioned in the answer, but does not discuss the actual number of tests required
-1pts Compound condition coverage is mentioned in the answer, but does not discuss the actual number of tests required
-1pts Miscalculates the branch coverage requirements for youOwe (four branches, three tests)
-1pts Miscalculates the branch coverage requirements for youOwe2 (18 branches, 15 tests)

total deduction taken: 4.0

Question: Additional Comments

#1: missing a node for i++. #2 should break out the declaration of i=0 from the conditional, missing i++ node. +1 good explanation for #2.

Question: Screenshot, if any

None