

Exercise 18.03: Potential pow() Solutions

FindBugs generated the same notification for the two following implementations of pow():

Bug: There is an apparent infinite recursive loop in
edu.ncsu.csc.csc216.recursion.RecursiveAlgorithms.pow1(int, int) [or pow2(int, int)]

This method unconditionally invokes itself. This would seem to indicate an infinite recursive loop that will result in a stack overflow.

Confidence: High, Rank: Scary (9)
Pattern: IL_INFINITE_RECURSIVE_LOOP
Type: IL, Category: CORRECTNESS (Correctness)

Answer the following questions about the code:

Your username (**sesmith5@ncsu.edu**) will be recorded when you submit this form. Not **sesmith5**?

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* Required

What is FindBugs complaining about (what are the notifications trying to tell you about your code)? *

What can be done to make the bug go away (what modifications need to be made to the code)? *

Does the explanation given by FindBugs make the problem clear? Are there, in your opinion, any better ways of conveying this type of information? *

Unity id(s) of person(s) you worked with.

Send me a copy of my responses.

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