Music 256a / CS 476a | Totally Random Pop Quiz!!
Instructors: Ge Wang, Nick Bryan | CCRMA, Stanford University
10/4/2010

Name (optional): _____

1. When should one optimize software? (circle all that applies)

    a. Always!
    b. Never!
    c. It depends!
    d. Late at night!
    e. I don't know!

2. Fill in the blanks: *Design* _____ *:* *Hack* _____ *.*

    a. Endlessly : Occasionally
    b. Slowly : Rapidly
    c. Cautiously : Ruthlessly
    d. Globally : Locally
    e. Never! : Always!

3. Write the average running time of the following algorithms. Choices include O(1), O(log n), O(n), O(nlog n), O(n^2), O(n^3), O(n!).

Fast Fourier Transform	
Bogosort (average case)	
FFT convolution	
Time-domain convolution, loop unrolled (as shown in class)	
Bubble sort	

4. Please jot down one (potentially burning) question you have (regarding 256a / 476a so far and/or life). If you have no questions at this time, please draw a picture or compose a haiku.