Popular Quiz Question Types for Program Quizzes

*Example: UnitConverter.java and Tester.java (Tester gets Input, then runs UnitConverter).*

1. What program runs first? (circle one) (Tester)    UnitConverter

2. Draw a paper diagram showing rectangles for each class and method.
   a) Add "call ____" specific for each call in your program set, in each appropriate method.
   b) Add "return ___" specific only for each return type that is not void.
   c) Add "pass ____" or "parameter ___" specific for each parameter sent, in each appropriate method.
   d) Draw arrows away and back as appropriate in your diagram.

*To grade this, I would also be counting the rectangles, looking for meaningful names of methods (e.g. main, convert1, constructor), as well as looking at each item a-d. There should be a call for each method other than main. Only some methods should return something, but all should have arrows out and back (except main). Only some methods pass parameters.*

3. If the user enters 100, what is the resulting output? Show all things that print just as your program would print them.

*Answer should make contextual sense based on the goal of the program.*

4. You create an instance of the second class. Please write the code for this.

*Code should use class name from diagram, new, and constructor.*

5. What reading method do you use in this program?

*nextDouble() or nextInt() are both reasonable answers*

6. What are three <u>very different</u> values from your testing plan should NOT work in this program?

*varies; "cat", 'b', -56*

7. Show the line of code used to make a final constant in your program.

*declaration should include "final" before data type*