



A bunch of Java components, in full costume, are playing a party game, “Who am I?” They give you a clue, and you try to guess who they are, based on what they say. Assume they always tell the truth about themselves. If they happen to say something that could be true for more than one attendee, then write down all for whom that sentence applies. Fill in the blanks next to the sentence with the names of one or more attendees.

**Tonight’s attendees:**

**instance variable, argument, return, getter, setter, encapsulation, public, private, pass by value, method**

A class can have any number of these.

A method can have only one of these.

This can be implicitly promoted.

I prefer my instance variables private.

It really means “make a copy.”

Only setters should update these.

A method can have many of these.

I return something by definition.

I shouldn’t be used with instance variables.

I can have many arguments.

By definition, I take one argument.

These help create encapsulation.

I always fly solo.

Instance variables

Return statement

instance variable

encapsulation

pass by value

private

arguments

method

public

method

setter

private, getter, setter

return

—————> Answers on page 93.