6.5 WILL EACH INSTRUCTION ALWAYS FIND A CORRECTLY FORMED STACK?

You must check both paths, but it doesn’t matter which one you choose to do first. In this example, we’ll check the path through body first. We proceed as before until we hit the goto instruction. The picture now looks like this:

Stack picture

0 1 2

Local variable picture

body: aload_0

iload_2

iaload

iload_1

dadd

istore_1

iinc 2 1

goto loop

end: return

*: instruction to check
✓: already checked instructions