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// Class: CS 5040
// Term: Summer 2019
// Instructor: Dr. Haddad
// Assignment: 1
// IDE: Atom

// find largest value in an array of size 10
METHOD FindMax
BEGIN
    READ InputValue
    currentMax ← InputValue    // assumes first value is the max

    // iterate through array and find the largest value
    FOR each of next nine inputted numbers
        READ InputValue
        IF (InputValue > currentMax) THEN
            currentMax ← InputValue
        ENDIF
    ENDFOR

    PRINT currentMax          // print largest value
END FindMax
```