Assessment: In-Lab 5

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Lab Section Number: *343*

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# Task 1: Worker Method in pseudocode

// modifyArray() is part of the ArrayModifier class

num modifyArray()

num index = 0

if values = null

return

endif

do {

if values[index] % 2 = 0

// Even number: square it

values[index] = values[index] \* values[index]

else

// Odd number: cube it

values[index] = values[index] \* values[index] \* values[index]

endif

++index

} while (index < values.length)

return

# Task 2: Screenshot of running program

# A screenshot of a computer Description automatically generated