Class MainMenu

CREATE periodicTable (Object of PeriodicTable)

WHILE ! userChoice = 5 || Exit

PRINT “===================================” NEWLINE

"To Add an Element Type, \"Add\" or \"1\";" NEWLINE

"To Display an Element Type, \"Display\" or \"2\";" NEWLINE

"To Read a file Type, \"Read\" or \"3\";" NEWLINE

"To Write a file Type, \"Write\" or \"4\";" NEWLINE

"And To Exit the Program Type, \"Exit\" or \”5\”."

IF userChoice = Add || 1

IF periodicTable.isConstructed == false

PRINT “Please Import a Periodic Table First”

ELSEIF

PRINT “You Created” + addElement()

// Add element returns name

ELSEIF userChoice = 2 || Display

IF periodicTable.isConstructed == false

PRINT “Please Import a Periodic Table First”

ELSEIF

PRINT “Your Periodic Table is” + displayTable()

ELSEIF userChoice = 3 || Read

PRINT “ You imported a Periodic Table” + fileIn

ELSEIF userChoice = 4 || Write

IF periodicTable.isConstructed == false

PRINT “Please Import a Periodic Table First”

ELSEIF

PRINT “This is Your Periodic Table” + fileOut

ENDWHILE

PRINT “Goodbye”