

Gavin McRoy

Lab: C1011-100-005 Lecture: CPSC 1010-100

Lab 04 – Part 2

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Set magic to 15

Set isMagic to true

Set one , two , three , four , five , six , seven , eight , nine to 0

Read input into one , two , three , four , five , six , seven , eight , nine

Write Entered Numbers

if(magic does not equal one+two+three)

Write "Row #1 does not work! "

Set isMagic to false

if(magic does not equal four+five+six)

Write "Row #2 does not work! "

Set isMagic to false

if(magic does not equal seven+eight+nine)

Write "Row #3 does not work!"

Set isMagic to false

if(magic does not equal one+four+seven)

Write "Column #1 does not work!"

Set isMagic to false

if(magic does not equal two+five+eight)

Write ""Column #2 does not work!"

Set isMagic to false

if(magic does not equal three+six+nine)

Write "Column #3 does not work!"

Set isMagic to false

//---Diagonal left to right

if(magic does not equal one + five + nine)

Write "Diagonal left to right does not work!"

Set isMagic to false

//---Diagonal right to left

if(previous does not equal three+five+six)

"Diagonal right to left does not work!"

Set isMagic to false

if(isMagic)

Write "This is a magic square"

else

Write "This is not a magic square"