

P1: maximum number of 3 numbers

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var a: Integer

var b: Integer

var c: Integer

var maxi: Integer

read(a, 8)

read(b,4)

read(c,2004)

checkIf(a<b)

    read(maxi, b)

else

    read(maxi, c)

checkIf(maxi<c)

    read(maxi, c)

write(maxi)

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P2: check if a number is prime

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var nr: Integer

var message: String

var divisor: Integer

read(nr, 2022)

read(divisor, 2)

checkIf(nr<2)

    read(message, "Not Prime")

whileTrue(nr / 2 - 1 > divisor and nr % divisor isNot 0)

    read(divisor, divisor + 1)

endWhileTrue

checkIf(divisor isNot nr/2)

    read(message, "Prime")

else

    read(message,"Not Prime")

write(message)

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P3: check if any item from a list is prime

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var size: Integer

read(size, 5)

var itemList: List(Integer, size)

read(itemList, [1,2,3,4,5])

var counter: Integer

read(counter, 0)

var divisor: Integer

var message: String

read(message, "Not Prime")

whileTrue(counter < size)

    read(divisor, 2)

    whileTrue(itemList[counter] / 2 - 1 > divisor and itemList[counter] % divisor isNot 0)

        read(divisor, divisor + 1)

    endWhileTrue

    checkIf(divisor isNot itemList[counter]/2)

        read(message, "Prime")

    read(counter, counter+1)

endWhileTrue

write(message)

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P1Err: P1

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var a: Integer

var b: Integer

var 5c: Integer

var maxi: Integer

read(a, 8)

read(b,4)

read(c,1234)

checkIf( a<b )

    read(maxi, b)

else

    read(maxi, c)

checkIf(maxi<c)

    read(maxi, c)

write(maxi)

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