' Assignment 2

' Prime number checker without using mathematical function.

ls = "1=2"

TextWindow.Write("Number: ")

n = TextWindow.ReadNumber()

p = "True"

If n=2 Then

ElseIf Text.IsSubText(n, ".") then

p = "false" 'floating point

ElseIf n>2 Then

For i=3 To n-1 Step 2 'skip even

r = n/i

If Text.IsSubText(r, ".") Then

Else

p = "False"

i = n 'break

EndIf

EndFor

Else

p = "false"

EndIf

TextWindow.Write(n + " is ")

If p Then

Else

TextWindow.Write("not ")

EndIf

TextWindow.WriteLine("prime number.")