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intro()

Sub intro
    TextWindow.WriteLine("Welcome! Choose an option from below.")
    TextWindow.WriteLine("")
    TextWindow.WriteLine("1. Addition")
    TextWindow.WriteLine("2. Subtraction")
    TextWindow.WriteLine("3. Multiplication")
    TextWindow.WriteLine("4. Division")
    TextWindow.WriteLine("")
    TextWindow.WriteLine("")
    selection = TextWindow.ReadNumber()
    If selection = 1 Then
        TextWindow.Clear()
        addition()
    EndIf
    If selection = 2 Then
        TextWindow.Clear()
        subtraction()
    EndIf
    If selection = 3 Then
        TextWindow.Clear()
        multiplication()
    EndIf
    If selection = 4 Then
        TextWindow.Clear()
        division()
    EndIf
EndSub

Sub end
    TextWindow.WriteLine("You have chosen to abort the program. Have a nice day!")
    TextWindow.WriteLine("")
    Program.Delay(3000)
    TextWindow.Hide()
EndSub

Sub addition
    TextWindow.Clear()
    TextWindow.WriteLine("You have chosen addition.")
    TextWindow.WriteLine("Please enter your first number below.")
    TextWindow.WriteLine("")
    TextWindow.WriteLine("")
    num1add = TextWindow.ReadNumber()
    TextWindow.Clear()
    TextWindow.WriteLine("Your first number is " + num1add + ". Please enter a second number.")
    TextWindow.WriteLine("")
    TextWindow.WriteLine("")
    num2add = TextWindow.ReadNumber()
    TextWindow.Clear()
    num3add = num1add + num2add
    TextWindow.WriteLine("Your new number is " + num3add + ".")
    TextWindow.WriteLine("")
    TextWindow.WriteLine("Would you like to start over? y/n")
    TextWindow.WriteLine("")
    addsel = TextWindow.Read()
    If addsel = "y" Then
        TextWindow.Clear()
        intro()
    EndIf
    If addsel = "n" Then
        TextWindow.Clear()
        end()
    EndIf
EndSub

Sub subtraction
    TextWindow.Clear()
    TextWindow.WriteLine("You have chosen subtraction.")
    TextWindow.WriteLine("Please enter your first number below.")
    TextWindow.WriteLine("")
    TextWindow.WriteLine("")
    num1sub = TextWindow.ReadNumber()
    TextWindow.Clear()
    TextWindow.WriteLine("Your first number is " + num1sub + ". Please enter a second number.")
    TextWindow.WriteLine("")
    TextWindow.WriteLine("")
    num2sub = TextWindow.ReadNumber()
    TextWindow.Clear()
    num3sub = num1sub - num2sub
    TextWindow.WriteLine("Your new number is " + num3sub + ".")
    TextWindow.WriteLine("")
    TextWindow.WriteLine("Would you like to start over? y/n")
    TextWindow.WriteLine("")
    addsel = TextWindow.Read()
    If addsel = "y" Then
        TextWindow.Clear()
        intro()
    EndIf
    If addsel = "n" Then
        TextWindow.Clear()
        end()
    EndIf
EndSub

Sub multiplication
    TextWindow.Clear()
    TextWindow.WriteLine("You have chosen multiplication.")
    TextWindow.WriteLine("Please enter your first number below.")
    TextWindow.WriteLine("")
    TextWindow.WriteLine("")
    num1mult = TextWindow.ReadNumber()
    TextWindow.Clear()
    TextWindow.WriteLine("Your first number is " + num1mult + ". Please enter a second number.")
    TextWindow.WriteLine("")
    TextWindow.WriteLine("")
    num2mult = TextWindow.ReadNumber()
    TextWindow.Clear()
    num3mult = num1mult * num2mult
    TextWindow.WriteLine("Your new number is " + num3mult + ".")
    TextWindow.WriteLine("")
    TextWindow.WriteLine("Would you like to start over? y/n")
    TextWindow.WriteLine("")
    addsel = TextWindow.Read()
    If addsel = "y" Then
        TextWindow.Clear()
        intro()
    EndIf
    If addsel = "n" Then
        TextWindow.Clear()
        end()
    EndIf
EndSub

Sub division
    TextWindow.Clear()
    TextWindow.WriteLine("You have chosen division.")
    TextWindow.WriteLine("Please enter your first number below.")
    TextWindow.WriteLine("")
    TextWindow.WriteLine("")
    num1div = TextWindow.ReadNumber()
    checkforzero()
EndSub

Sub checkforzero
    TextWindow.Clear()
    TextWindow.WriteLine("Your first number is " + num1div + ". Please enter a second number.")
    TextWindow.WriteLine("")
    TextWindow.WriteLine("")
    num2div = TextWindow.ReadNumber()
    If num2div = 0 Then
        TextWindow.Clear()
        TextWindow.WriteLine("Error: You cannot attempt to divide by 0. Please wait to try again.")
        TextWindow.WriteLine("")
        Program.Delay(1500)
        TextWindow.Clear()
        checkforzero()
    ElseIf num2div <> 0 then
        dividewithoutzero()
    EndIf
EndSub

Sub dividewithoutzero
    TextWindow.Clear()
    num3div = num1div / num2div
    TextWindow.WriteLine("Your new number is " + num3div + ".")
    TextWindow.WriteLine("")
    TextWindow.WriteLine("Would you like to start over? y/n")
    TextWindow.WriteLine("")
    addsel = TextWindow.Read()
    If addsel = "y" Then
        TextWindow.Clear()
        intro()
    EndIf
    If addsel = "n" Then
        TextWindow.Clear()
        end()
    EndIf
EndSub

```