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TextWindow.ForegroundColor="yellow"

TextWindow.WriteLine("Random number: ")

**For** i=1 **to** 250

array[i]=math.GetRandomNumber(250)*'+temp*

TextWindow.WriteLine("array["+i+"] = "+array[i])

**EndFor**

length = Array.GetItemCount(array)

SortArray()

**Sub** SortArray

**For** n = 1 **To** length - 1

**For** m = n + 1 **To** length

**If** array[n] > array[m] **Then**

temp = array[n]

array[n] = array[m]

array[m] = temp

**EndIf**

**EndFor**

**EndFor**

**EndSub**

TextWindow.WriteLine("")

TextWindow.ForegroundColor="Cyan"

TextWindow.WriteLine("After been sort : ")

**For** i=1 **to** 250

TextWindow.WriteLine("array["+i+"] = "+array[i])

**EndFor**

TextWindow.WriteLine("")

TextWindow.Write("Enter a number to search according to the number specified above only: ")

num = TextWindow.ReadNumber()

count=0

**For** i =1 **To** 250

**If** num = array[i] **Then**

TextWindow.WriteLine(num + " entered is in index "+i)

exit()

**EndIf**

**If** num<>array[i] **then**

count=count+1

**EndIf**

**EndFor**

**Sub** exit

TextWindow.WriteLine("To search the number " +num +" the program has to loop " +count +" times")

**EndSub**

TextWindow.WriteLine("")

TextWindow.WriteLine("To program has been loop "+count +" times to search the number")

