Experiment No7

Aim: - Greate any GUI Application eig Calculator and Automate using Autoit va tool

Theory & Autolt is constantly envolving as a programming language It stanted as an add-on tool to automate basic tests in Autol's of other programs, and task automation is still at the hearst of Autolit. With the introduction of many new Features however, Autolt has become a more powerful tool that every before.

Just Few of the new and updated Fratures

· GUI Automation - Crosate a custom pocephical interface For your application.

o cort functionally fill the gup with WSH tenquage such as VBSempt/Jsompt.

· Loops, functions and expression pensing.

· An enormous number of functions for

handling and manipulating Strings.

engine using the PCRF library, with notive

16bit mode and UCP/UTF support.

· A processful Recubsive file list to Array function

· Fasily all win32 and third- party DLL

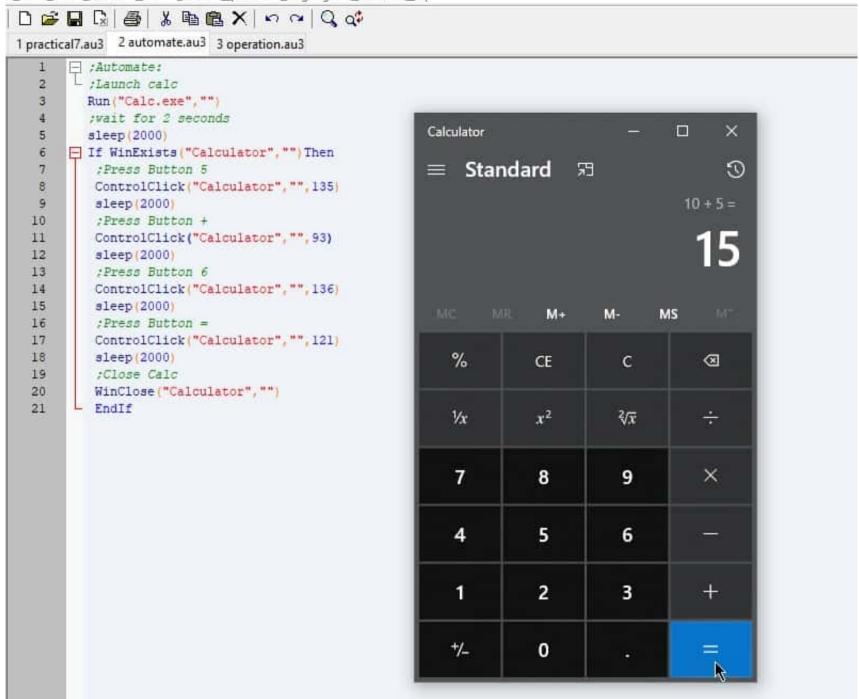
APIS from within your sompt.

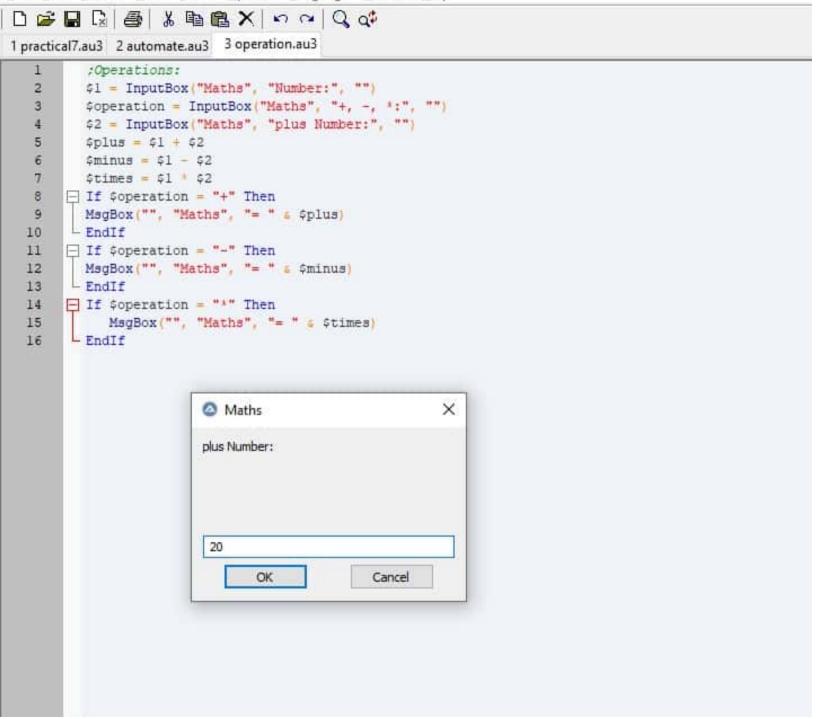
	Hinclude (Edit Constrants au3)
	#include < GUI Constant au3)
	##include (Static Constrant. au3)
	12. 1 1 (1)37
	C 11 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C
	\$idBh1 = GUI Chy Create Button ("1", 54, 138, 36, 20).
	; Digit's buttons
ted to the	
	Local Sid Btn0 = GUICto Greent Button ("0", 54, 171, 36,29).
	Local \$id Btn0 = GUICTO (recute Button ("1", 54, 138, 36, 29) Local \$id Btn1 = GUICTO (recute Button ("1", 54, 138, 36, 29)
	Loral \$id Btn1 = GUICto (create Button ("2", 93, 138,36,29) Loral \$id Btn2 = GUICto (create Button ("2", 93, 138,36,29)
	Local Sid Btn 2 = GUICTO Coecute Button ("3", 132, 138, 36, 29) Local Sid Btn 3 = GUICTO Goecute Button ("4", 54, 106, 36, 29)
1	Local \$id Btn 3 = Gul Cto Goedte Batton ("4", 54, 106, 36, 29) ocal Sid Btn t= Gul Cto Goedte Batton ("4", 54, 106, 36, 29)
	Local Sid Btn 5= GUICTO Greate Button ("5",93,106,36,29)
	Local \$10 Btn6 = GUICTA (1000 1/2 Button ("7", 54, 73, 36,29)
	Local Sid Btn7 = GUIGO GUIGO GUIGO (18", 93,73,36,29)
	Local Sid Btn8: Gulcty Coeate Button ("9", 132, 73, 36, 29) Local Sid Btn9 = Gulcty Coeate Button ("9", 132, 73, 36, 29)
	Local Sid Btn 9 = Gulctr (voeate Button (".", 132, 171, 36, 29)
	5 Memory buttons Local Sid Btn Mclear = Gulctri Greate Button ("MC", 8,73,36,2)
	the state of the s
	11.101 package = (711) (by Corport Button (193, 811-3,50)-1)
	Local Sid Btn. 1815188 - GUI Ctol Preate Button (1 MA-1, 8, 141, 3629)
	1 Andrew Aperturas.
	ocal Sid Atn Change Sign = GUICTO (recite Button ("T/-, 43,174, 859)
10	calside Andivision = Goll (other cale Button ("/", 17, 73,36/2)
100	al Sid Btn Multiplication = GOI (of Greate Button (" +0", 171, 106, 36, 49)
Lo	ocal \$id Btn Substract = GU Coot Create Button ("-", 171, 138, 36,29)

oral \$id Btn Add = GUICTM Greate Button ("+", 171, 171, 36, 29)
Lacol Sid Btn America = GUI (18/ Coreate Button ("=", 210, 141, 36, 29)
ocal \$id Btn Inverse = GUICto (Grade Button ("1/x", 210, 138, 36, 29)
 ocal Sid 13th Sgot = Gulctol Gocale Button ("Sgot", 210,73,36,29)
I oral sid Btn Poxentage = Gull Ctr Great Button (" %", 210, 106, 36, 29)
1 oral \$id Btn Backspare = GUICtn (reale Button ("Backspare", 34,378829)
Local \$id Btn Clean E = GUICtn (reate Button ("CE", 120, 37, 82,29)
Local SidBtn Clear = GUIGtal Corectle Button (" C", 185, 37, 62,29)
ocal Sid Btn Steo Folt Streen = GUIC tol Corale Button ("0,", 8, 2, 239,23)
Local Sid Btn Lb 1 Memory = GUICH Greate Button (" ", 12,39,27,86)
GUISetState()
Local Smsg
Do
smsg = GUIGetMsg()
 Until & msg = &GUL EVENT_CLOSE
 1 1 1 1 1 1 1 Cmm - CIVION 10 1 C 1 1 C 1 1 C 1 m # 0 0 220 22
 1 ocal Sid Fd & Storeen = GUI Ctr/ (noeute Fdit ("0." 8,2, 239,23, BitOR (\$ES_READONLY, \$ES_RIGHT),
 \$WS_EX_ STATICEDGE)
 · SMOZENE STATECEDGE)
 Local \$id Lb Memory = Grul Ctol Create Label ("1, 12,39,27,26,
\$SS_SUMIREN)
Operations:
Operations: \$1 = Input Box ("Maths", "Number: ", "")
soperation = Input Box ("IMaths", "+, -, *: ", "")
\$2 = Input Box ("Maths", "plus Number:", "")
\$plus = \$1+\$2
\$minus = \$1-\$2
\$times = \$1 * \$2

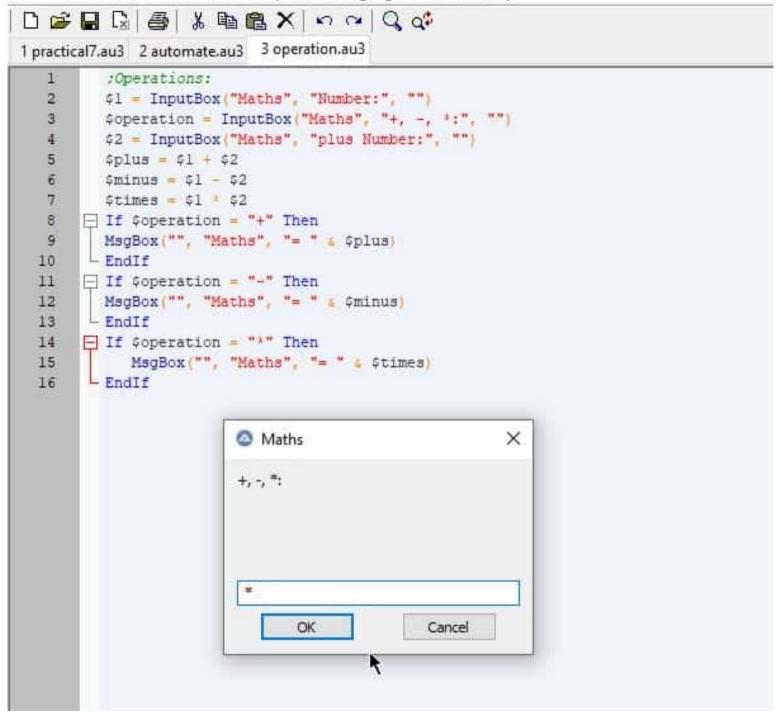
1	C to 11 - 11 - 11 - 12
+	F \$operaction = "+" Then MsgBox ("", "Maths", "= "& \$plus)
F	indif
	If tonominate " - " Then
	Msg Box (" ", "Maths", " = " & \$minus)
1	Endle
1	IF soperation = "*" Then
-	MsqBox ("", "Maths" "=" & times)
-	Endif
-	
-	Automate ?
	; Lounch calc
	Run (" (a)c. exe", "")
	; wait for 2 seconds
	21-2n (2000)
	1 F Win Exists ("Calculator", "") Then
	; fress Button 5
	Controlclick ("Calculator" "", 135)
	sleep (2000) ; press Button +
	Concho Click ("Calculator", "11, 93)
	sleep (2000)
	; Proess putton 6
	Conbol Click (" Calculator", " ", 136)
	sleep (2000)
	; Press Button =
	Control Click ("Calculator", " ", 121)
1	sleep (2000)
	¿ Close Calc

	HinClose ("Calculator""")
F	and IF
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134	and the second of the second o
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2 12	
	a 1 in The are long studied and executed
Day !	Conclusion: Thus we have studied and executed a program in Autoit v3 to Create Calculators.
(A-1)	a program in main is to construction
Labb	

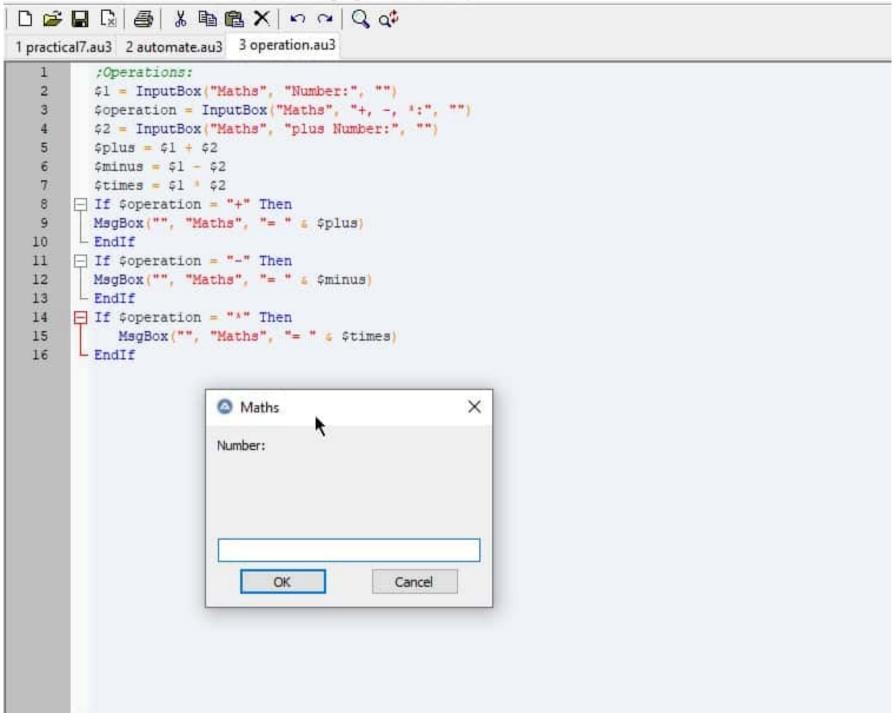














```
1 practical7.au3 2 automate.au3 3 operation.au3
        :Operations:
        $1 = InputBox("Maths", "Number:", "")
  2
      $operation = InputBox("Maths", "+, -, *:", "")
      $2 = InputBox("Maths", "plus Number:", "")
      $plus = $1 + $2
      $minus = $1 - $2
      $times = $1 * $2
     ☐ If $operation = "+" Then
       MsgBox("", "Maths", "= " & $plus)
      - EndIf
 10
     ☐ If $operation = "-" Then
 11
       MsgBox("", "Maths", "= " & $minus)
 12
 13
      - EndIf
      If coperation = """ Then
 14
         MsgBox("", "Maths", "= " & Stimes)
 15
 16
      - EndIf
                           Maths
                                       ×
                            = 200
                                  OK
```