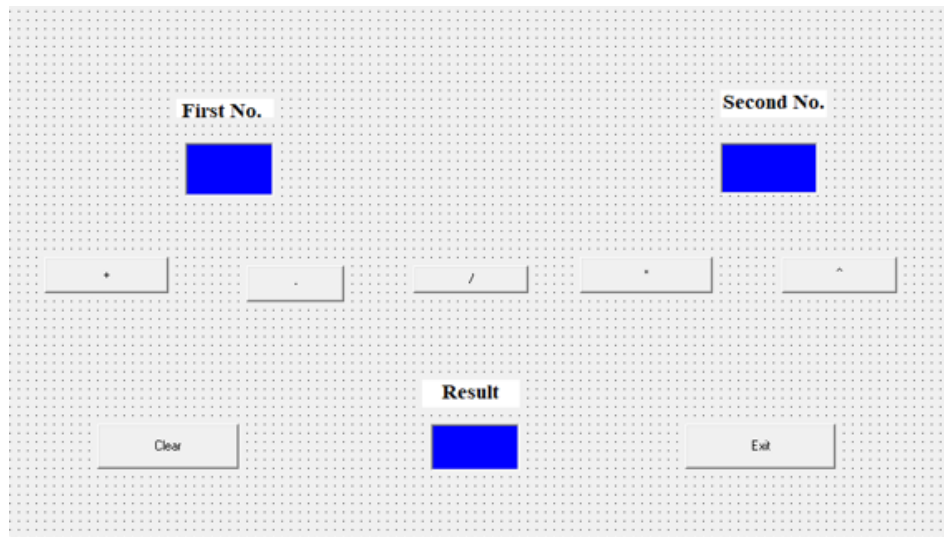


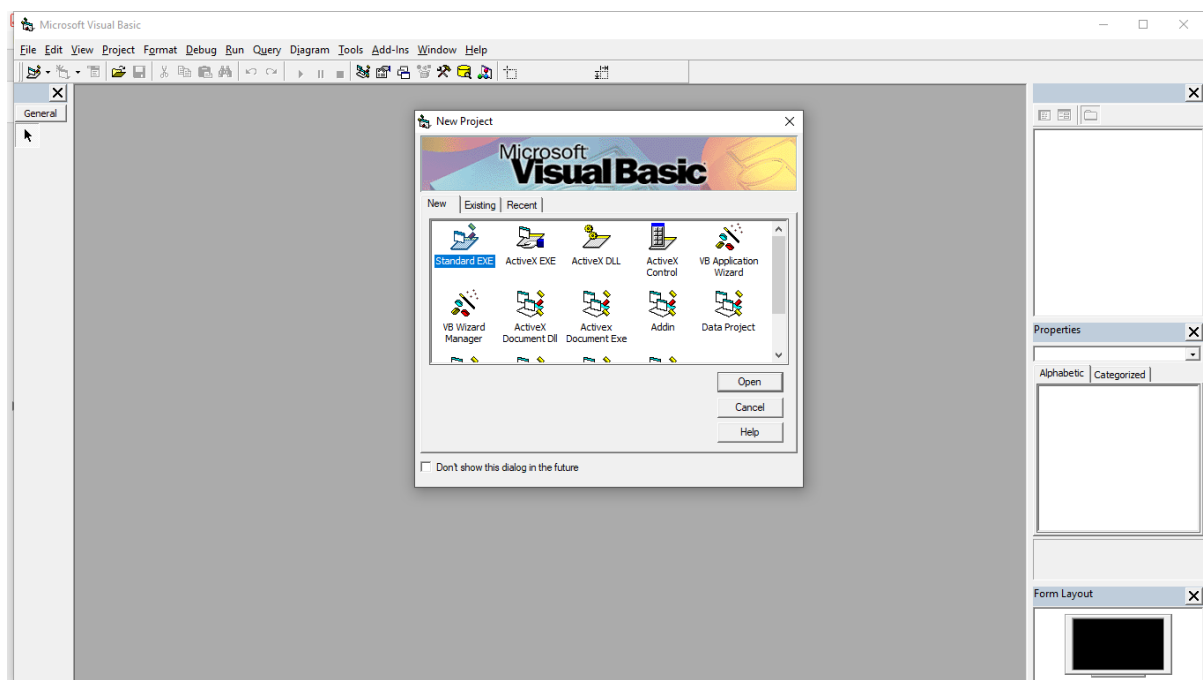
Example (1):

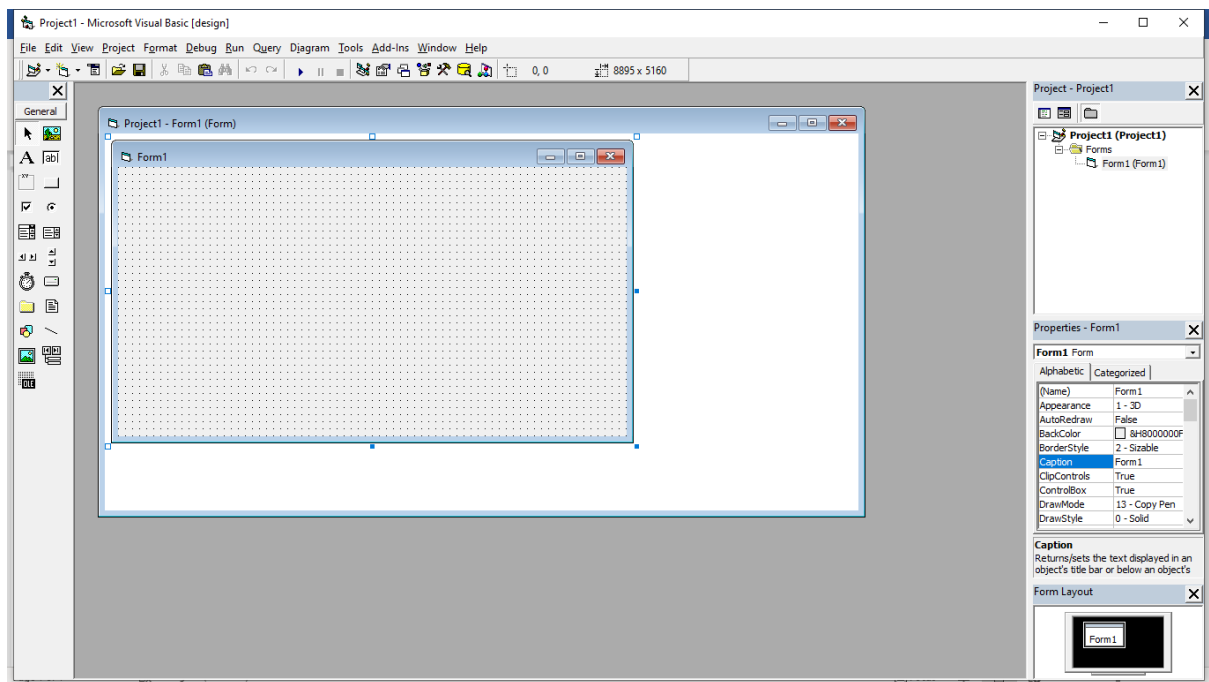
Write a Visual Basic program to build a calculator including (+, -, *, /, ^) operations between two numbers as shown below:



1- Open a Standard EXE (new standard project)

Start.....All programs.....Microsoft Visual Basic 6.0 (folder)..... Microsoft Visual Basic 6....choose standard EXE... open

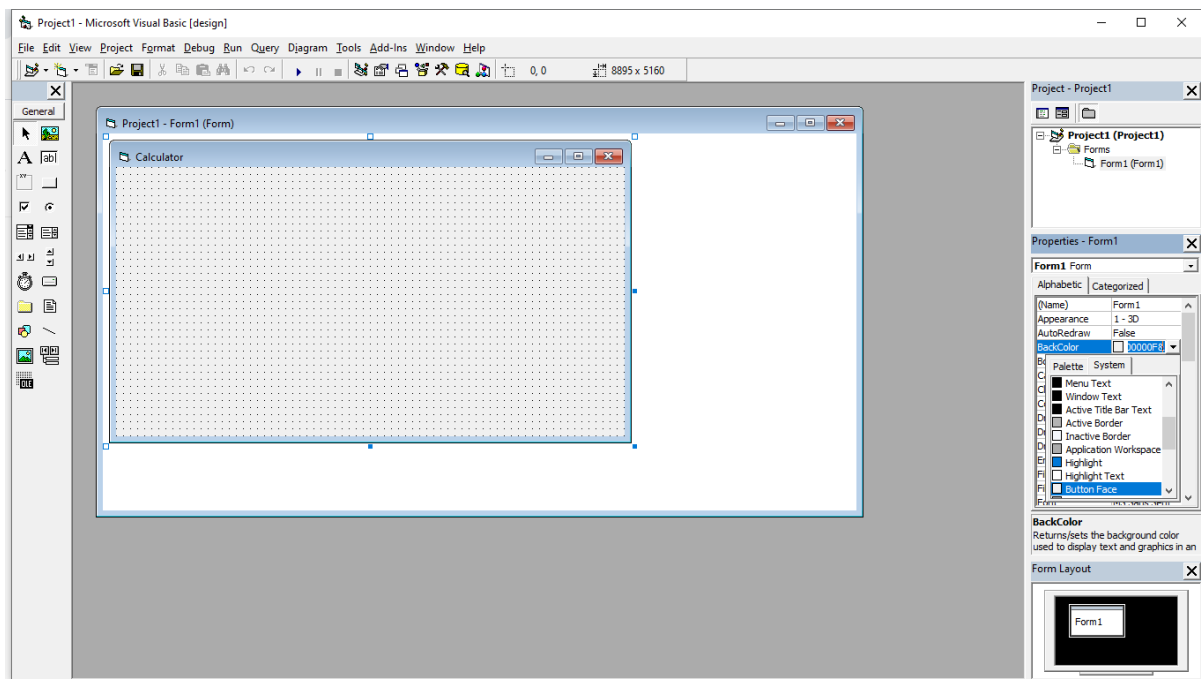




2- Format the properties of the Form 1:

Properties window.....

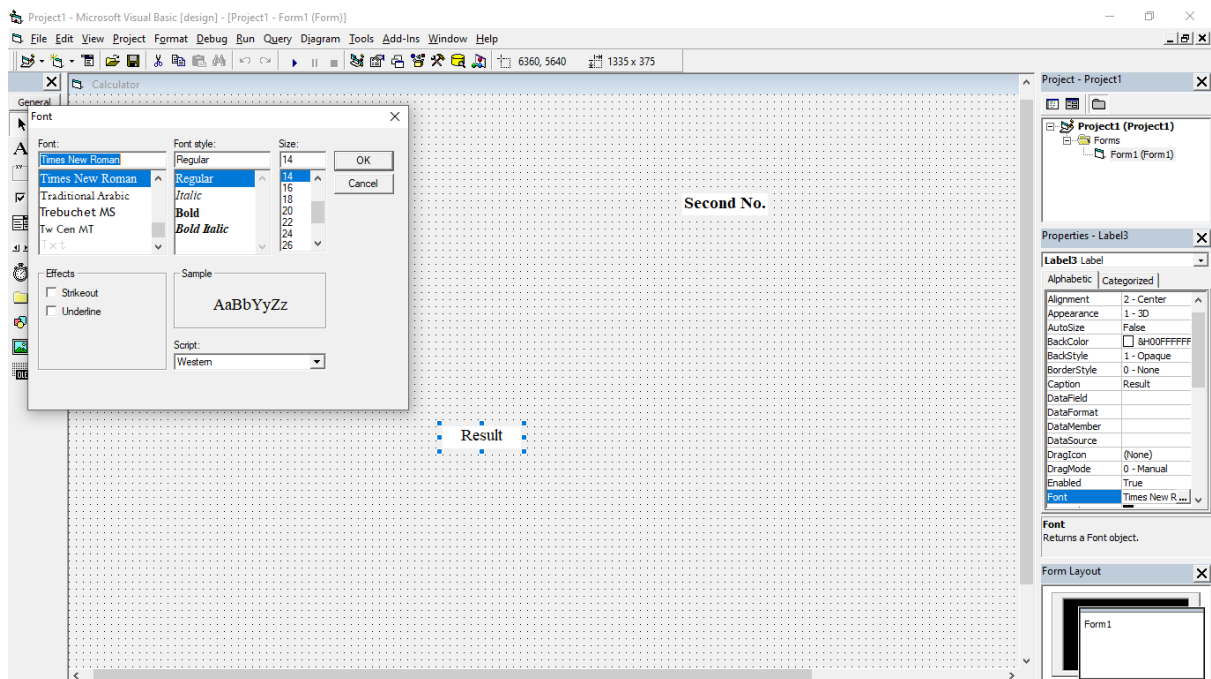
Name	Form 1 Properties
Caption	Calculator
BackColor	Palette.... (choose any color)



3- Create three controls elements of type **Label** and format its properties:

ToolBoX Label

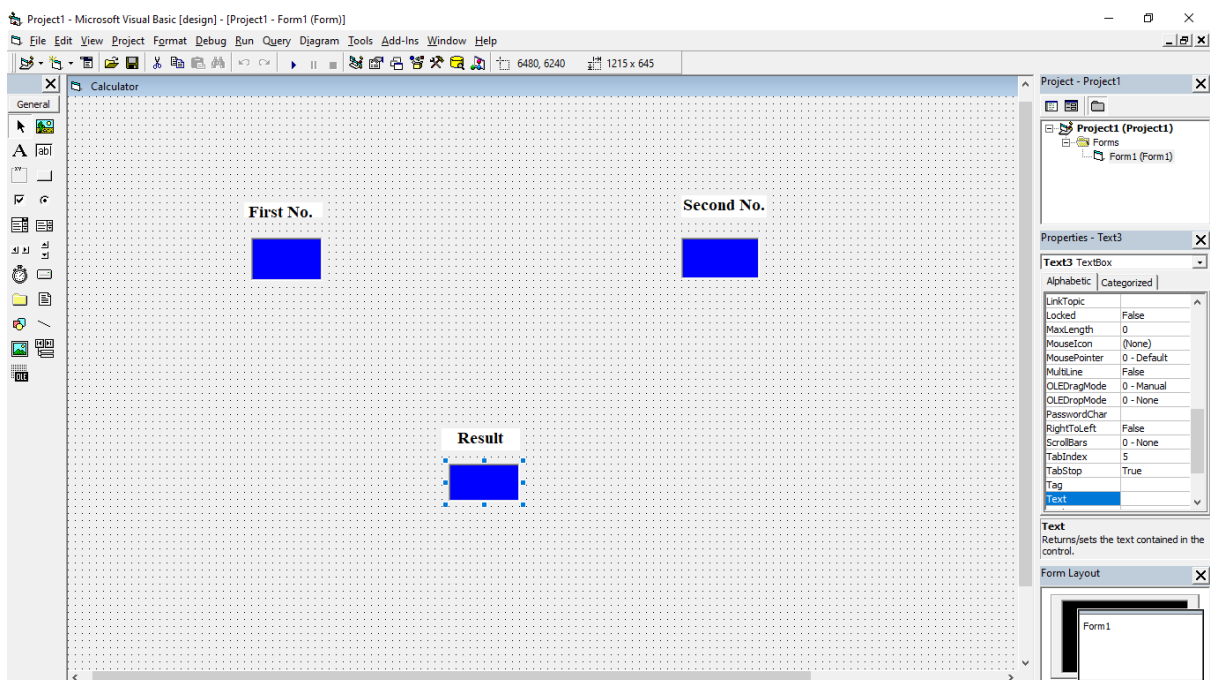
Properties	Label 1	Label 2	Label 3
BackColor	White	White	White
Caption	First No.	Second No.	Result
Font	Times New Roman Bold,14	Times New Roman Bold,14	Times New Roman Bold,14
Alignment	Centre	Center	Centre



4- Create three controls elements of type **TextBox** and format its properties:

ToolBox...TextBox

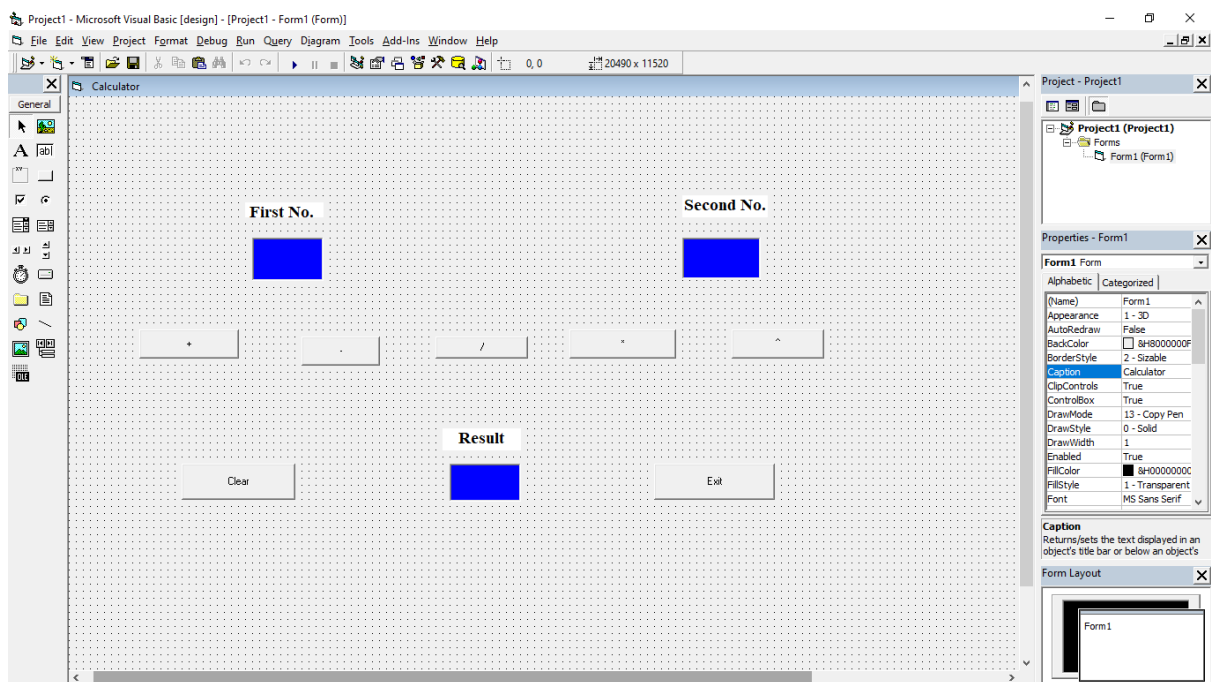
Properties	Text 1	Text 2	Text 3
BackColor	Blue	Blue	Blue
Text			
Font	Times New Roman Bold,14	Times New Roman Bold,14	Times New Roman Bold,14
Alignment	Centre	Center	Centre



5- Create seven Controls elements of type **CommandButton** and format its properties:

ToolBox.... CommandButton

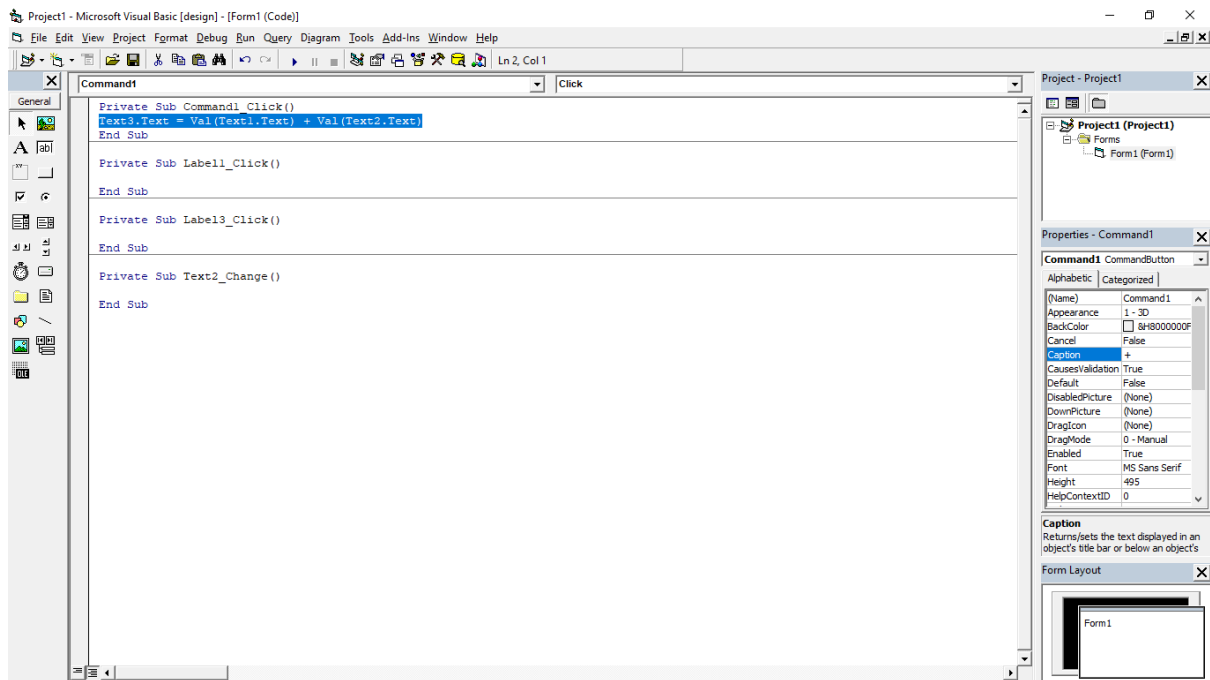
properties	Command1	Command2	Command7
Caption	+	-	Exit
Font	Time..., Bold,12	Time..., Bold,12	Time..., Bold,12



6- Write the code on the command 1 buttons

- Double click on command1(+...addition operation)
- Text3.Text=Val (Text1.Text) +Val (Text2.Text)

* Val: Used to get the Value of text... Val (20) =120



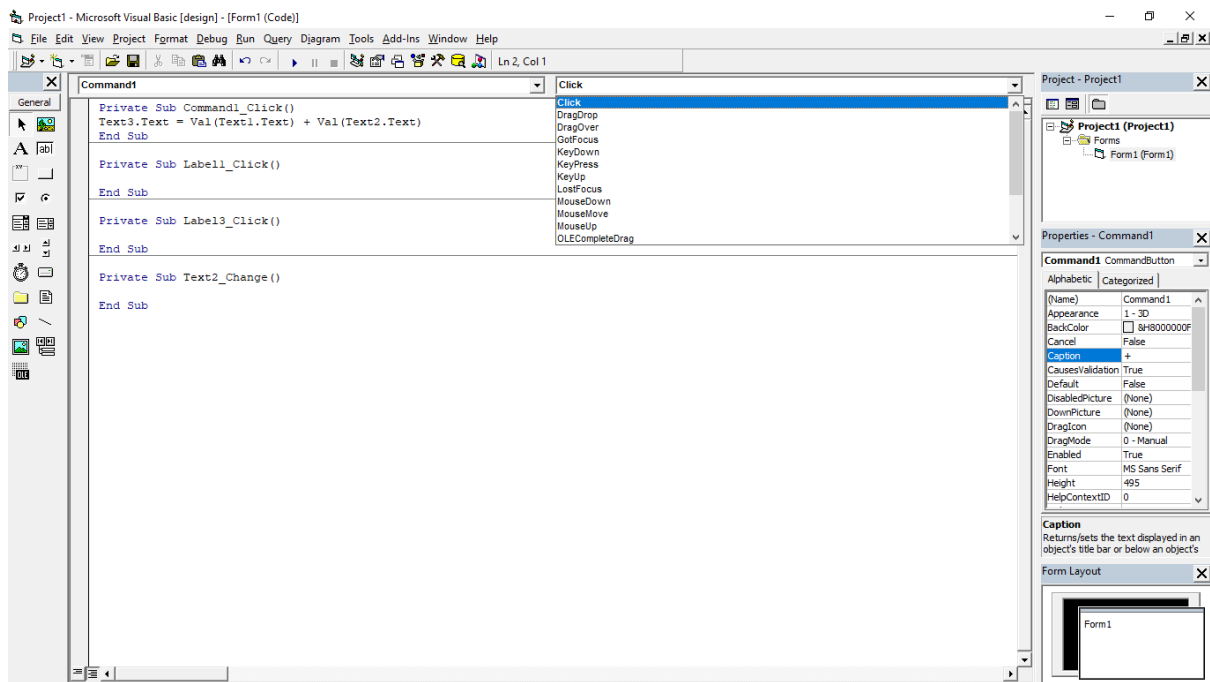
*Any coded procedure for any controls is written with the following block

Private Sub *Control'sName_EventName* ()

End Sub

* *Control'sName*: taken from ToolBox (CommandButton, Lable, TextBox...)

* *EventName*: is a call-back mechanism used by the user for notifying to execute the routine.



- Write the code of Command2... (-)

Text3.Text = Val (Text1. Text) - Val (Text2.Text)
- Write the code of Command3.... (/)

I F Val (Text2.Text) = 0 THEN

Text3.Text = "ERROR"

ELSE

Text3.Text = Val (Text1.Text) / Val (Text2.Text)

END IF
- Write the code of Command4... ... (*)

Text3.Text = Val (Text1. Text) * Val (Text2.Text)
- Write the code of Command5.... (^)

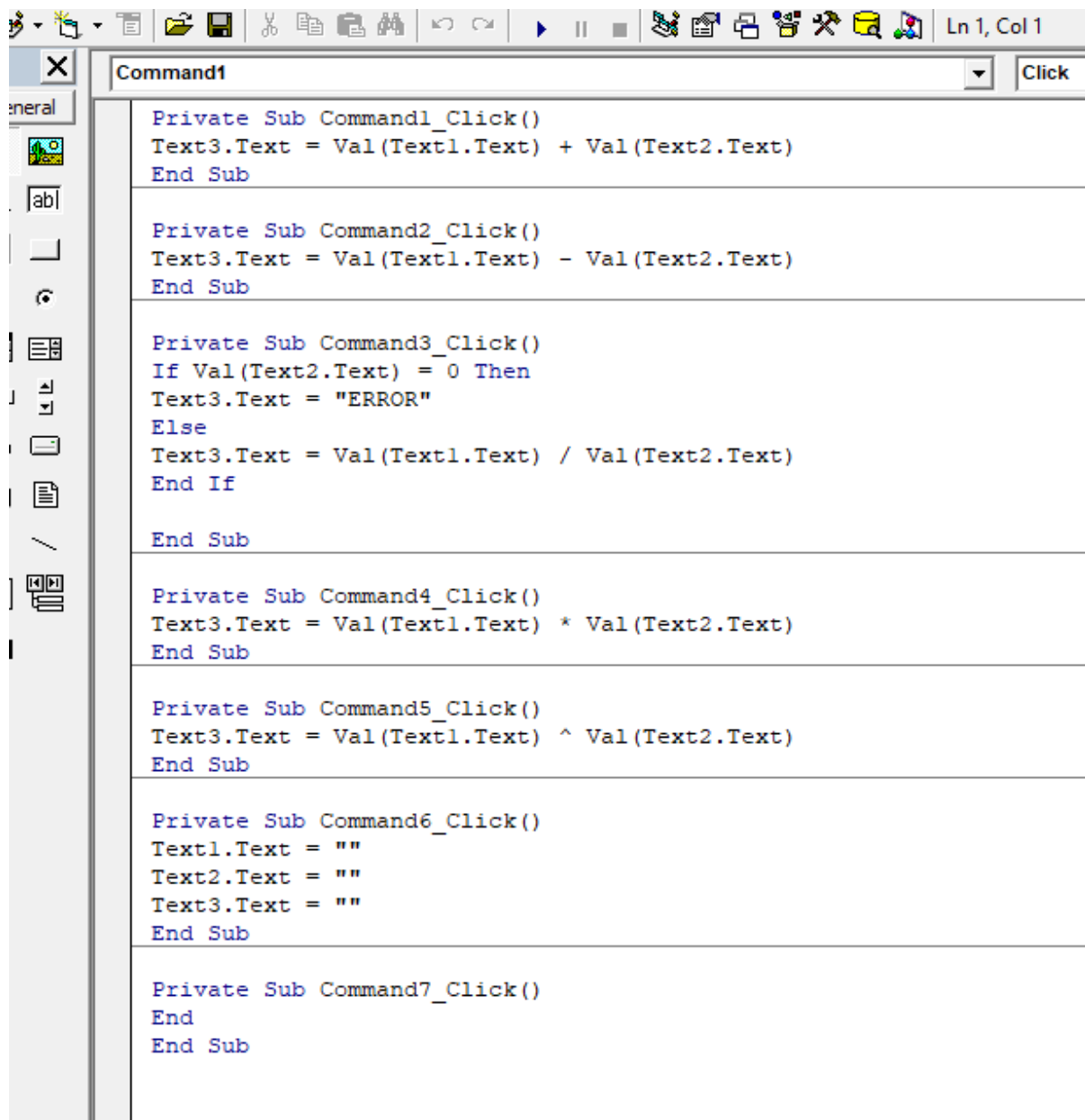
Text3.Text = Val (Text1.Text) ^ Val (Text2.Text)
- Write the code of Command6... (Clear)

Text1.Text = ""

Text2.Text= ""

Text3.Text = ""
- Write the code of Command7. ... (Exit)

END



7- Save the project

File....Save project (the program VB save the **Form** in extension .FRM)

File....Save project as (the program VB save the **Project** in extension. VBP)

File....**Make project.exe** (to create an application of the project)

* It is noticeable to save each project in a new folder