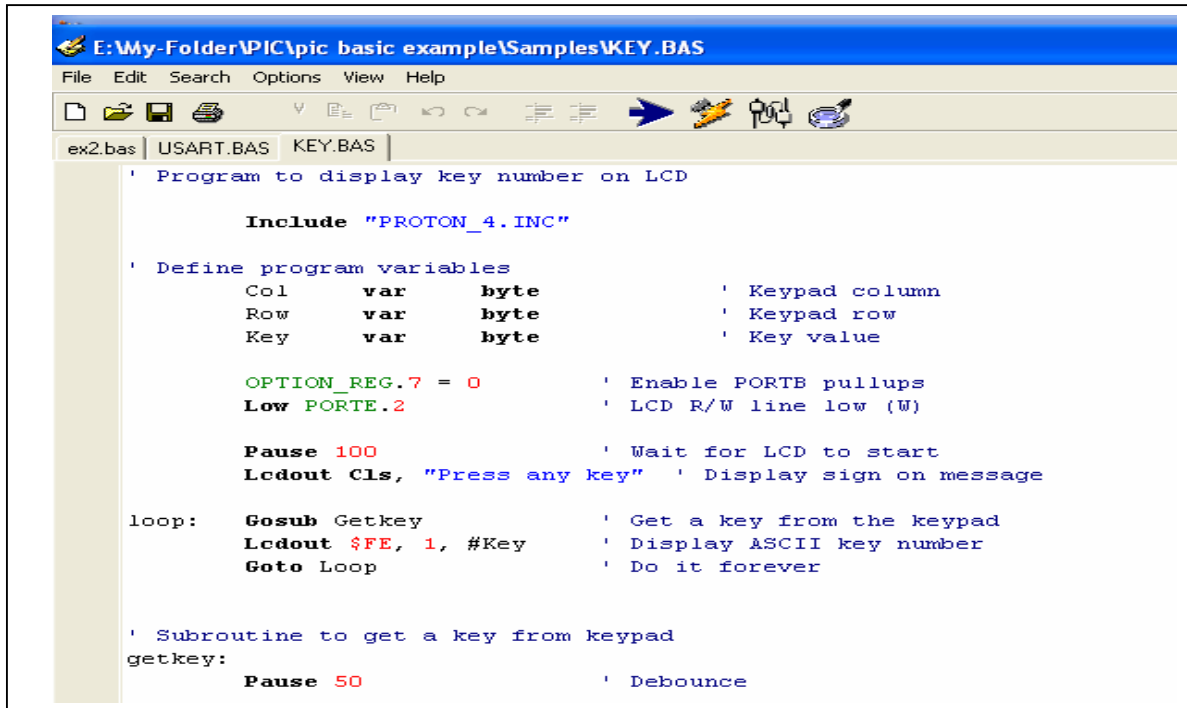


Launch the PROTON+ Program , and open any existing file (KEY.BAS for example) , as below :



The screenshot shows the Proton Plus PICBASIC Compiler interface. The title bar indicates the file path: E:\My-Folder\PIC\pic basic example\Samples\KEY.BAS. The menu bar includes File, Edit, Search, Options, View, and Help. The toolbar contains icons for file operations and execution. The file list shows 'ex2.bas', 'USART.BAS', and 'KEY.BAS' selected. The main editor window displays the following code:

```
' Program to display key number on LCD

Include "PROTON_4.INC"

' Define program variables
Col      var    byte      ' Keypad column
Row      var    byte      ' Keypad row
Key      var    byte      ' Key value

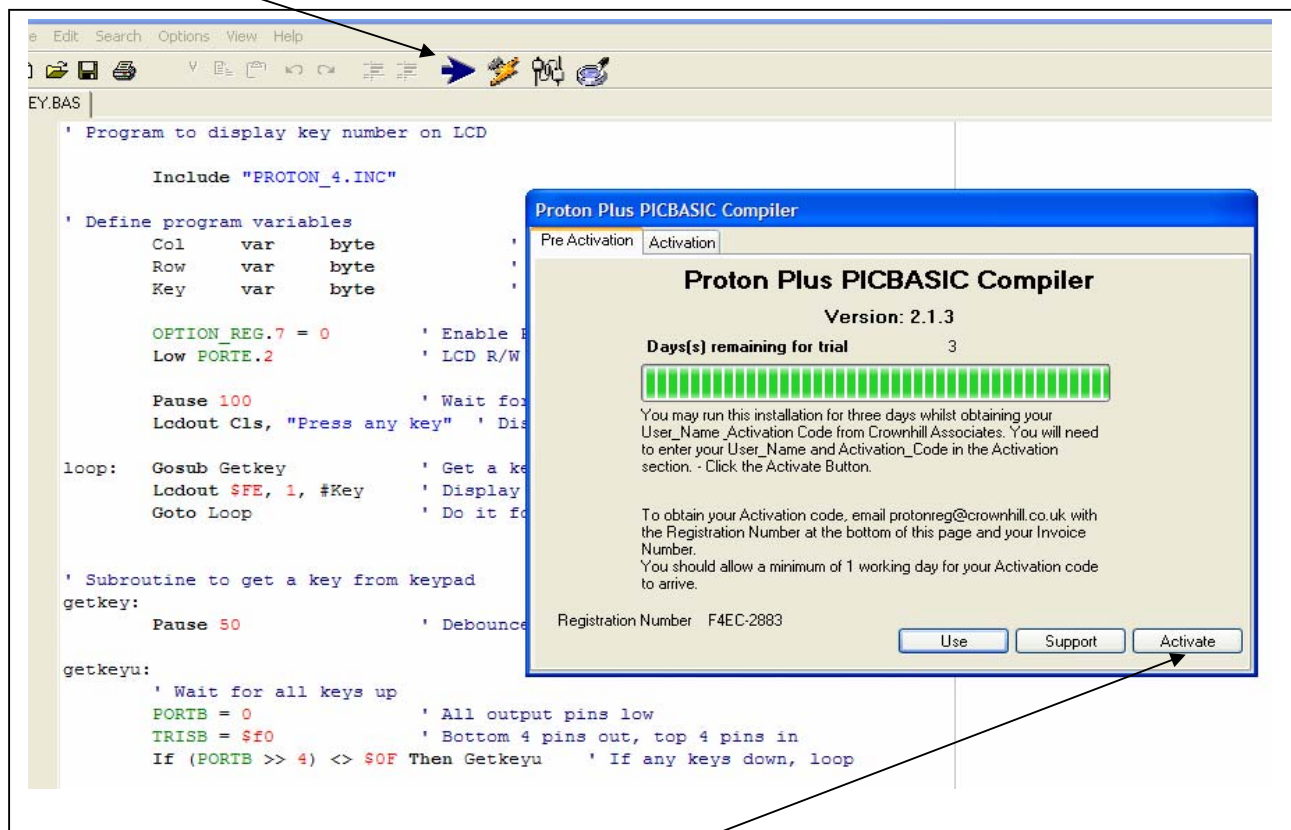
OPTION_REG.7 = 0      ' Enable PORTB pullups
Low PORTE.2           ' LCD R/W line low (W)

Pause 100             ' Wait for LCD to start
Lcdout Crls, "Press any key" ' Display sign on message

loop:  Gosub Getkey    ' Get a key from the keypad
       Lcdout $FE, 1, #Key ' Display ASCII key number
       Goto Loop      ' Do it forever

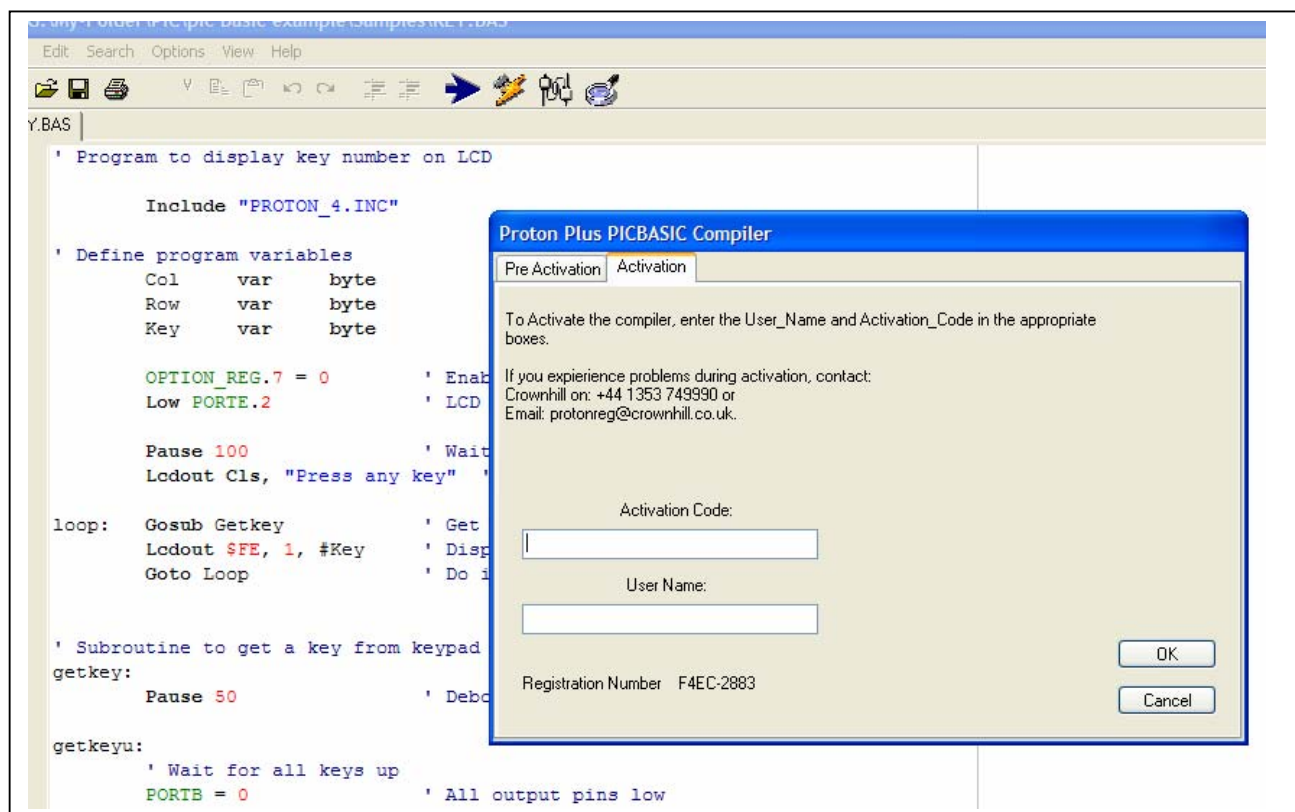
' Subroutine to get a key from keypad
getkey:
       Pause 50       ' Debounce
```

Click the **Compile** Button :

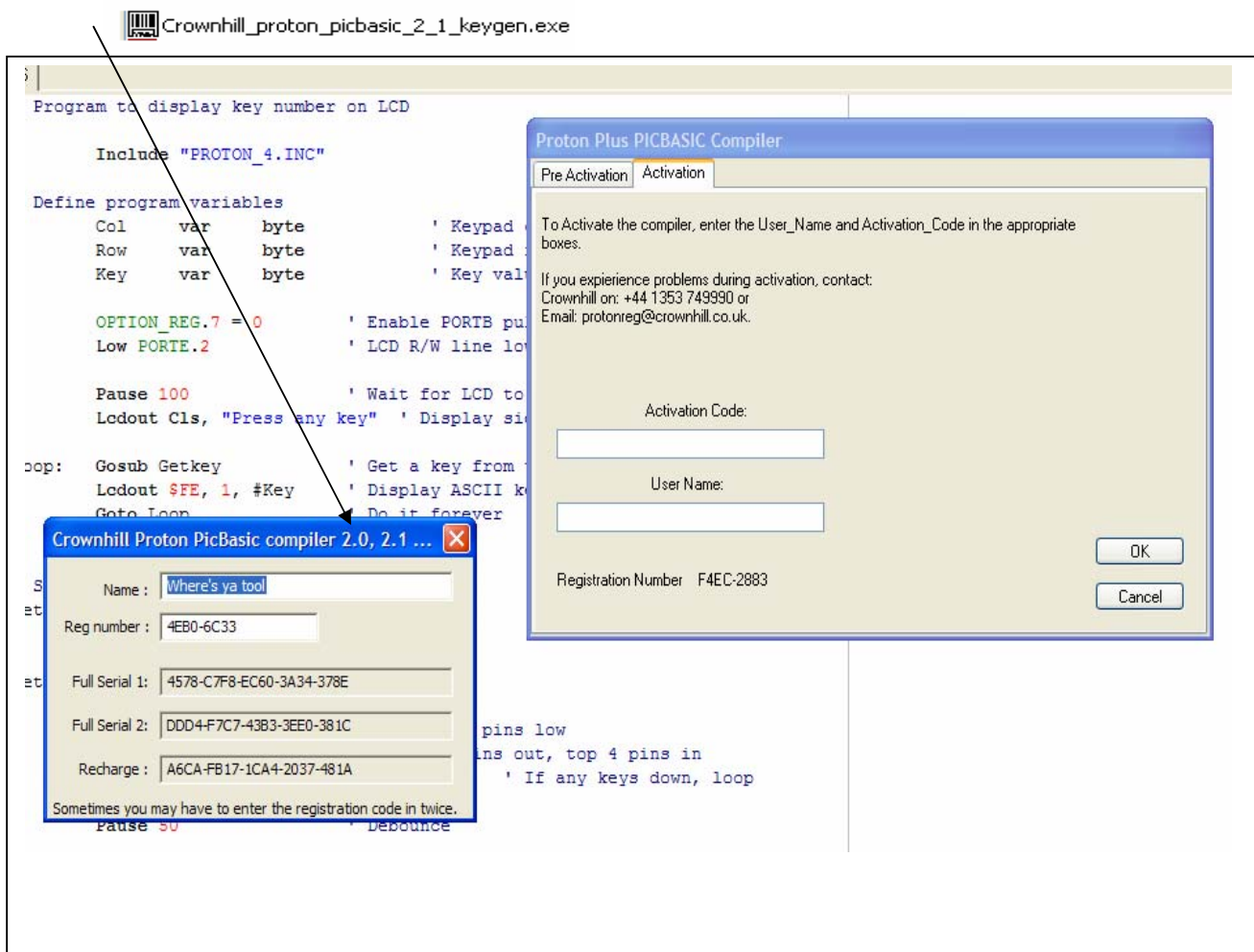


Click the **Activate** Icon :

You will get the following Menu :



Now , Run the Crack Program (Crownhill_proton_picbasic_2_1_keygen.exe)



Enter any name (your name if you want) in **Name** field ,
Enter the Registration Number (You got from P+) in the **Reg. number** field .

Program to display key number on LCD

```
Include "PROTON_4.INC"

Define program variables
Col    var    byte    ' Keypad
Row    var    byte    ' Keypad
Key    var    byte    ' Key val

OPTION REG.7 = 0      ' Enable PORTB pu
Low PORTE.2           ' LCD R/W line lo

Pause 100             ' Wait for LCD to
Lcdout Cls, "Press any key" ' Display si

loop: Gosub Getkey     ' Get a key from
Lcdout $FE, 1, #Key    ' Display ASCII k
Goto Loop             ' Do it forever
```

Proton Plus PICBASIC Compiler

Pre Activation | Activation

To Activate the compiler, enter the User_Name and Activation_Code in the appropriate boxes.

If you experience problems during activation, contact:
Crownhill on: +44 1353 749990 or
Email: protonreg@crownhill.co.uk.

Activation Code:

User Name:

Registration Number F4EC-2883

OK Cancel

Crownhill Proton PicBasic compiler 2.0, 2.1 ...

Name:

Reg number:

Full Serial 1:

Full Serial 2:

Recharge:

Sometimes you may have to enter the registration code in twice.

Pause 50 ' Debounce

pins low
ins out, top 4 pins in
' If any keys down, loop

Copy the **Full Serial 1** number (From the crack program) and paste it in the **Activation Code** in the P+ program .

Don't forget to enter the **User Name** .

Press **OK** Button , and every thing will be OKKKKKKKKKKKKKKK.

Eng. SAEED AL-ZHRANI

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General Manager

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