

# HMI

## 1. LeviStudioU Downloading

Please visit below link to get the latest version LeviStudioU for HMI programming:

[https://drive.google.com/folderview?id=0B0j9uum1UPXbfkpZRkpzQlh6eDRWU0hLc3NzQ2JDafJkQk9oVmRyb253MUxuX2N6Rnc1NUE&usp=drive\\_web](https://drive.google.com/folderview?id=0B0j9uum1UPXbfkpZRkpzQlh6eDRWU0hLc3NzQ2JDafJkQk9oVmRyb253MUxuX2N6Rnc1NUE&usp=drive_web)

Or

<https://mega.nz/#F!7RMH0ZKJ!FVrfE0kWGbQ2yxt1LkJEPg>

## 2. LeviStudioU Installation

If Fail to start LeviStudioU after installation, please check if “Microsoft Visual C++ 2008 SP1 Redistributable Package” installed in current operating system, then install the “vcredist.exe” within Google Drive

<https://www.youtube.com/watch?v=XzpuCpxhewY>

## 3. Start a new project

See the video in below link, it will guide you how to get started with a new project

<https://www.youtube.com/watch?v=-gS9K1Pw5UI>

for more videoes, please visit Youtube

<http://www.youtube.com/user/Wecon2004/videos>

# PLC

## 4. PLC Editor Downloading

Please visit below link to get the latest version PLC Editor for HMI programming

<https://drive.google.com/folderview?id=0B0j9uum1UPXbfk9JTkIxcVdVRFF3NzNrNDc0LTdGNUg5U1hnMkFndXdZTk42U0FJWm1iRFk&usp=sharing>

Or

[https://mega.nz/#F!LENmiIJZ!rHMCG\\_UhqbUhetob1QQPyg](https://mega.nz/#F!LENmiIJZ!rHMCG_UhqbUhetob1QQPyg)

## 5. Start a new PLC project

Start a new PLC project by clicking “New” on the left top corner of screen, select the PLC mode from the drop-down list.

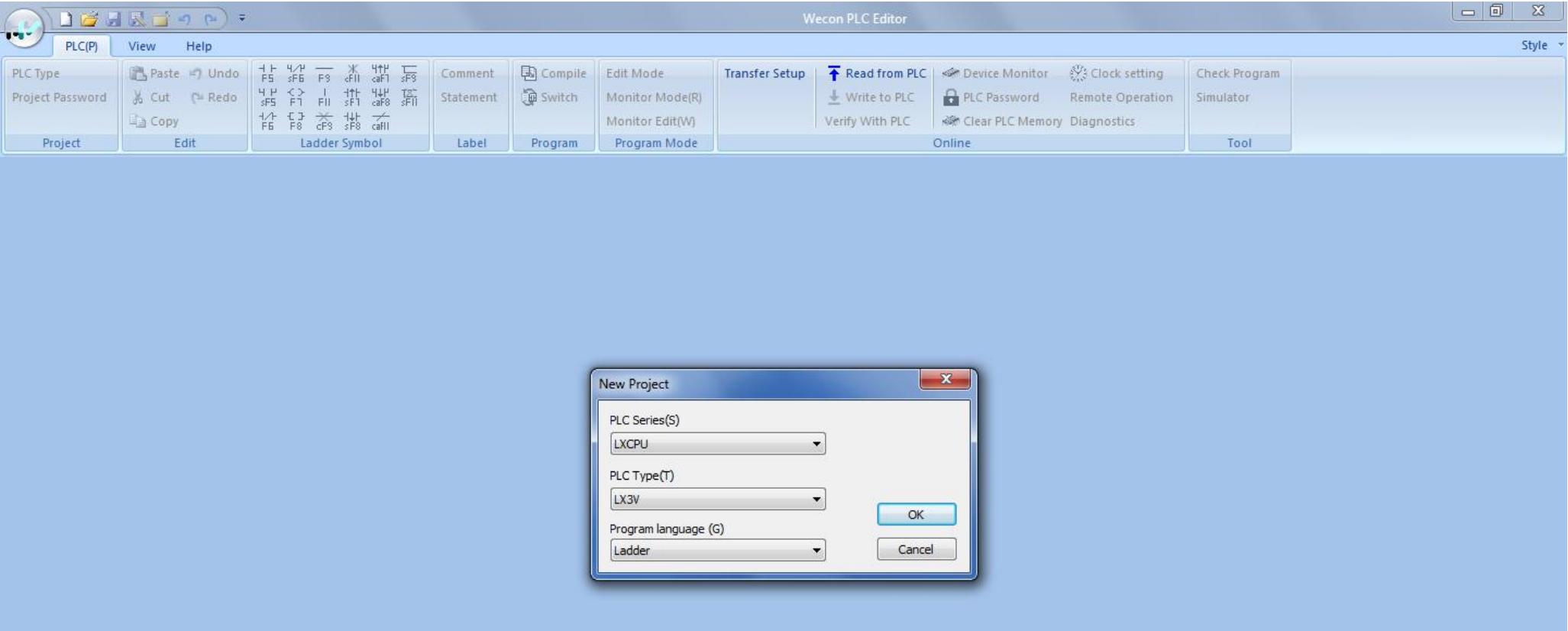


Figure 1

## 6. Change the PLC mode

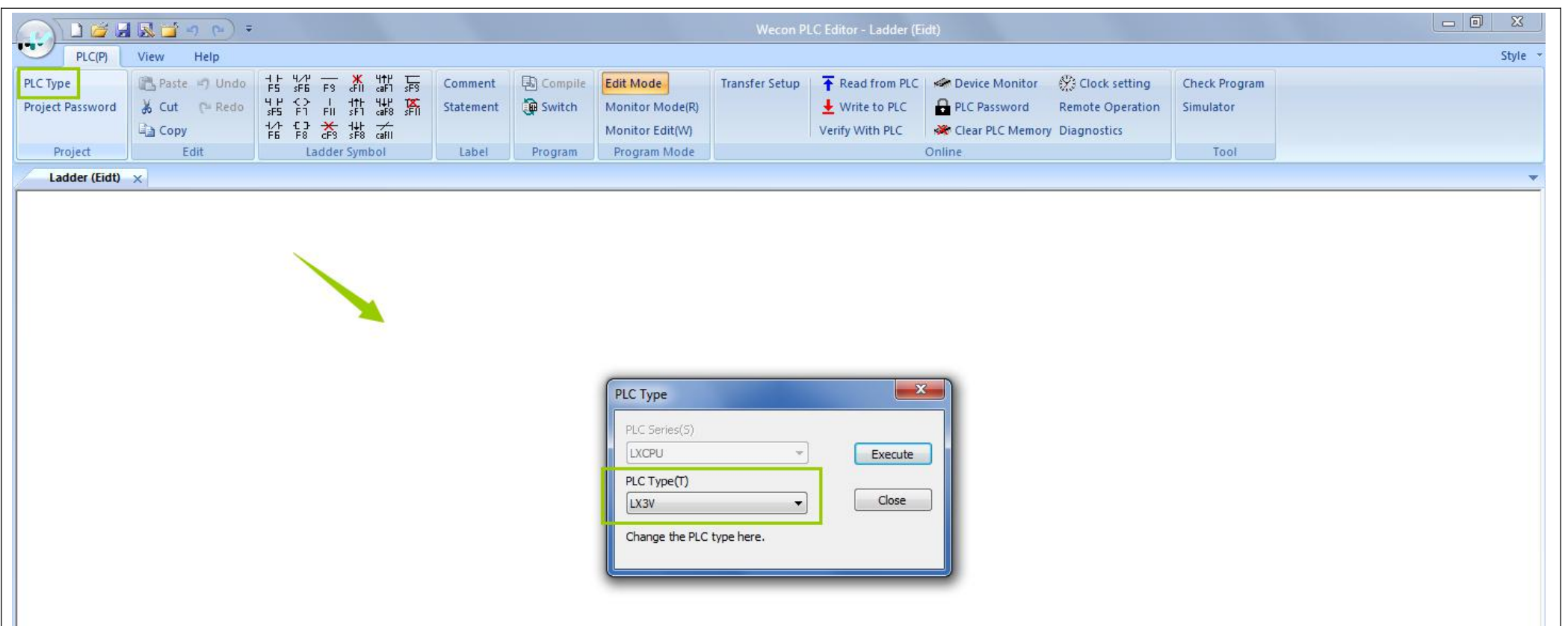


Figure 2

## 7. Set the password for project

It would require password when you open the PLC project.

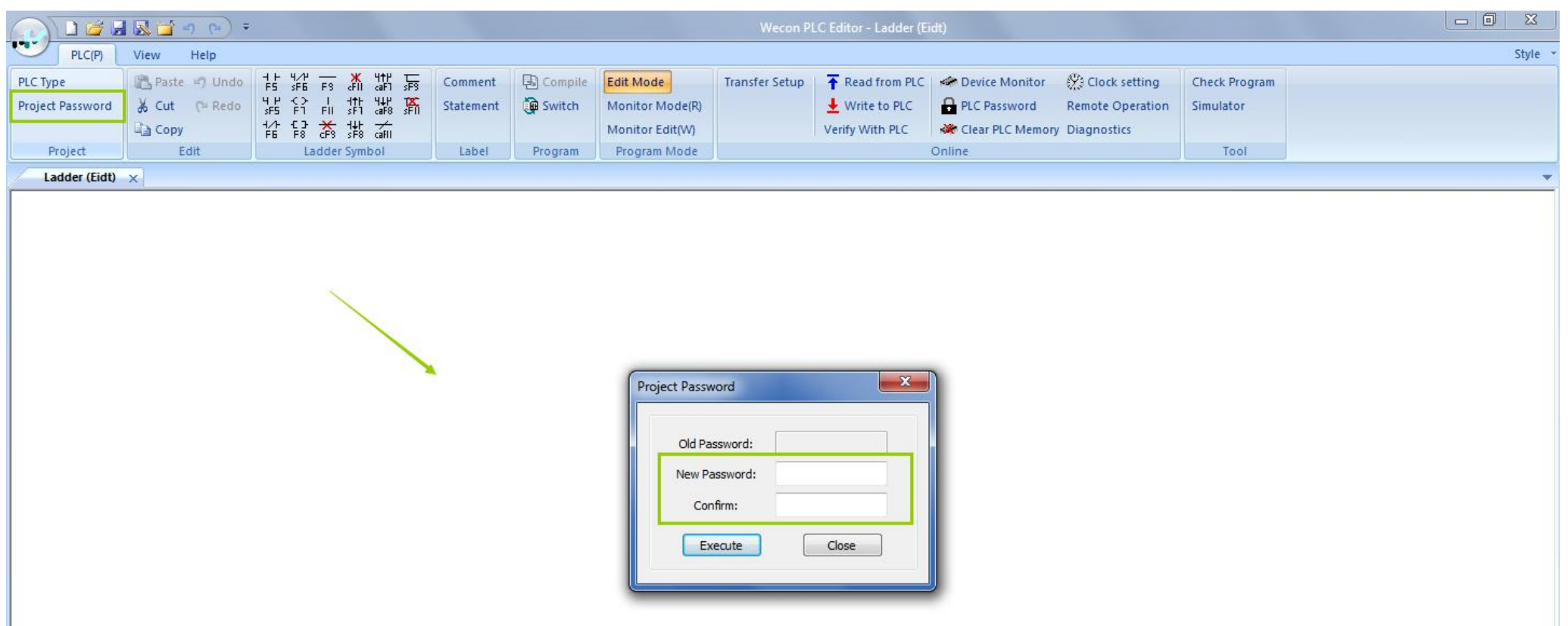


Figure 3

## 8. Add a new instruction

Double click on the ladder, select the ladder symbol (instruction) from the drop-down list, then enter the address for this symbol.



Figure 4

Also you could select the ladder symbol from the menu bar directly.

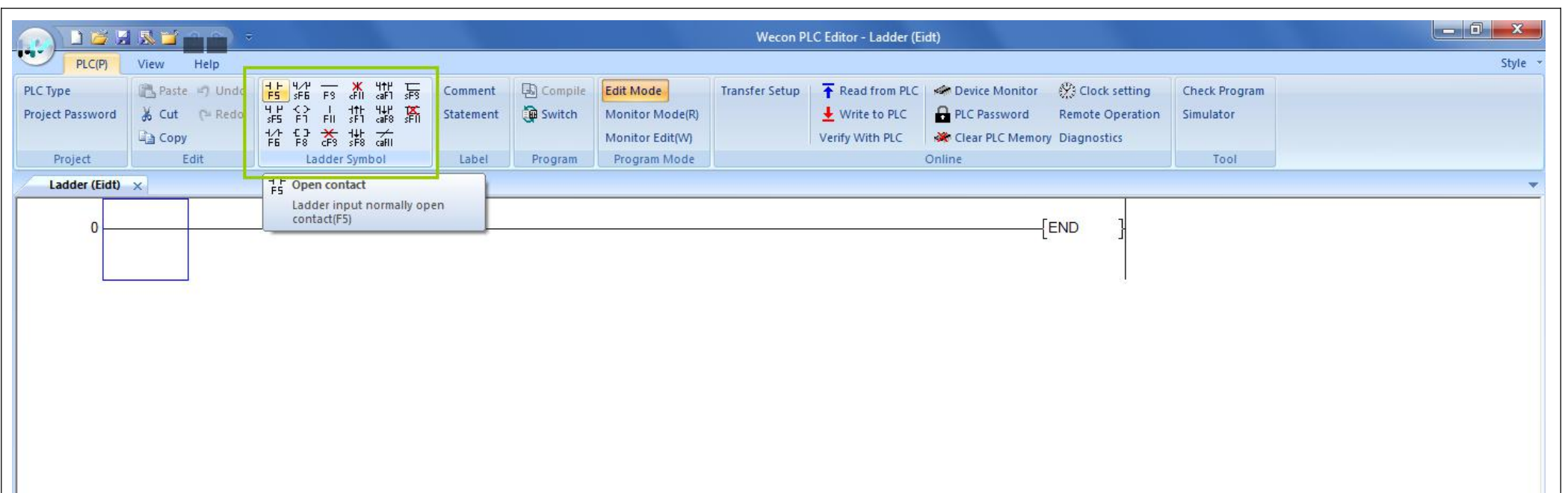
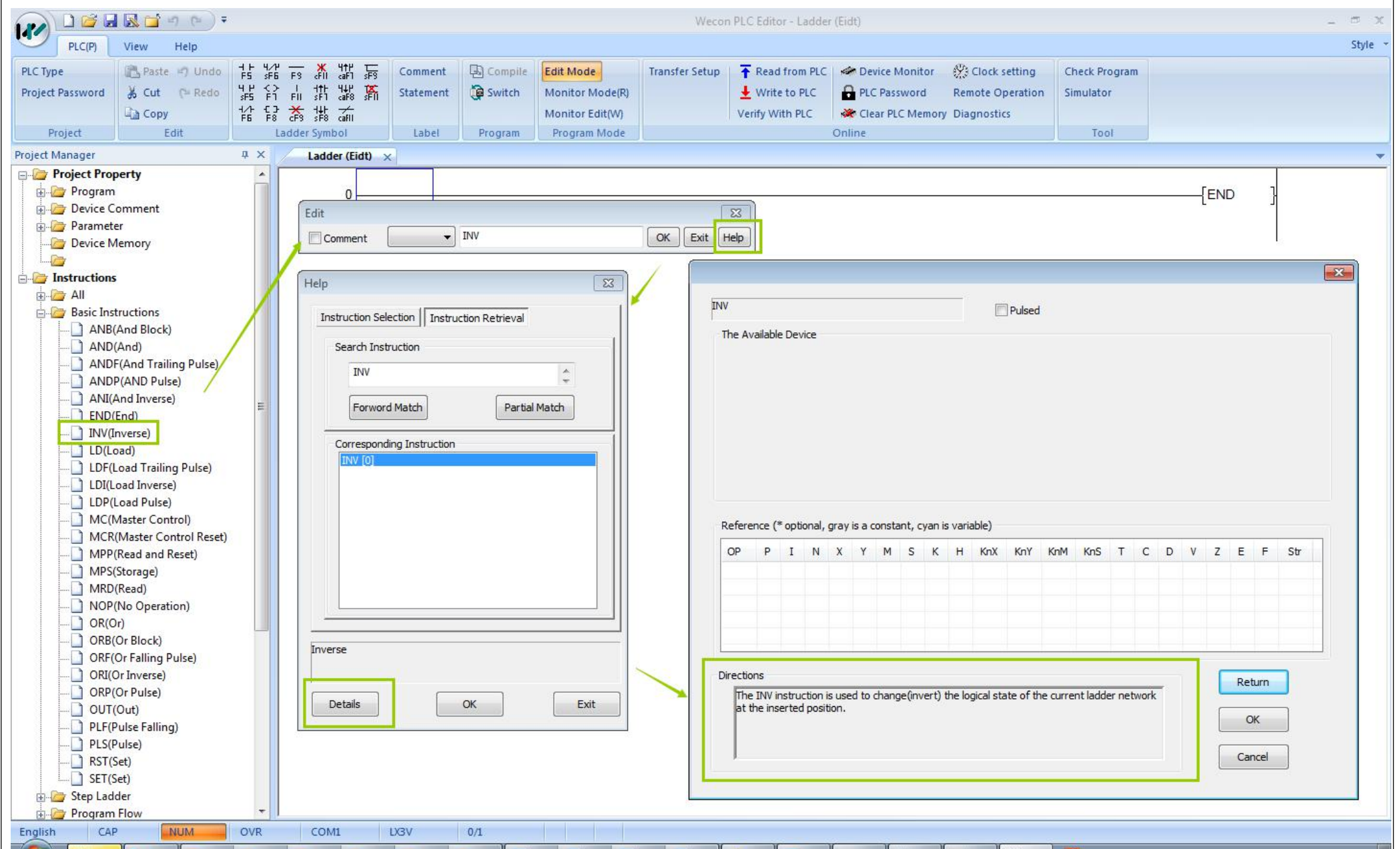


Figure 5

Get help of programming from the left side window



## 9. Add comment to PLC program

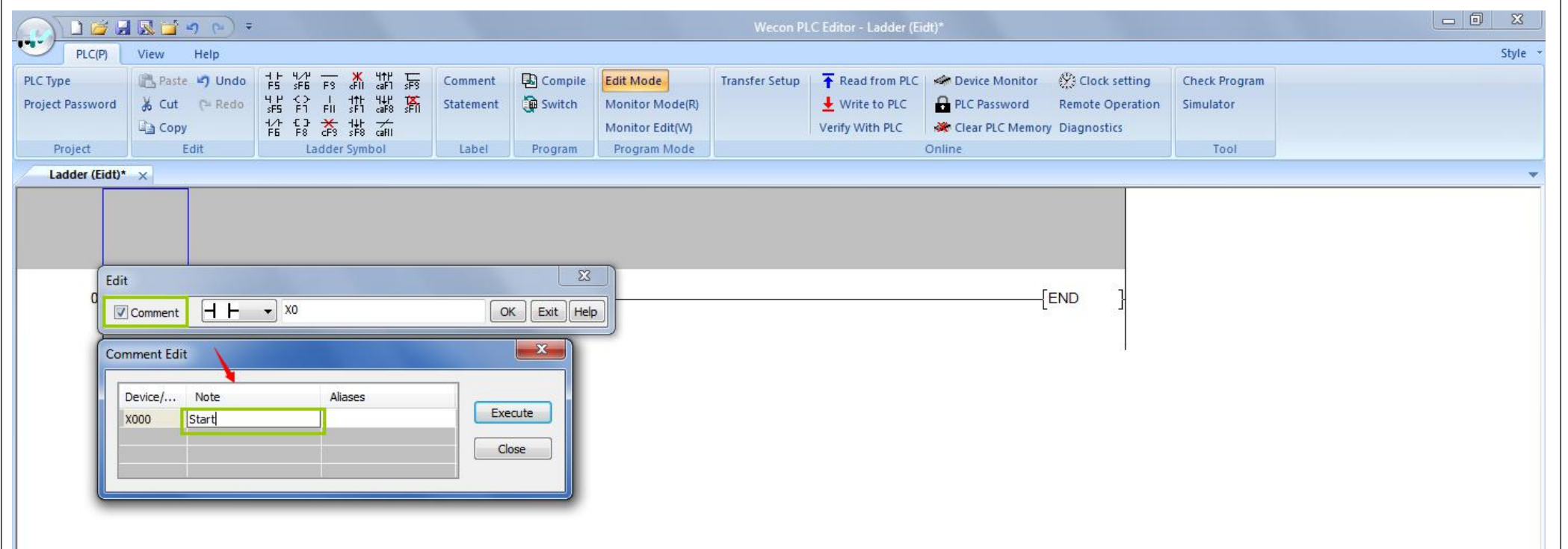


Figure 6

## 10. Add the statement to PLC program

Add the statement by single click on “Statement”, when finished, single click on “Statement” again to go back to Ladder edit.

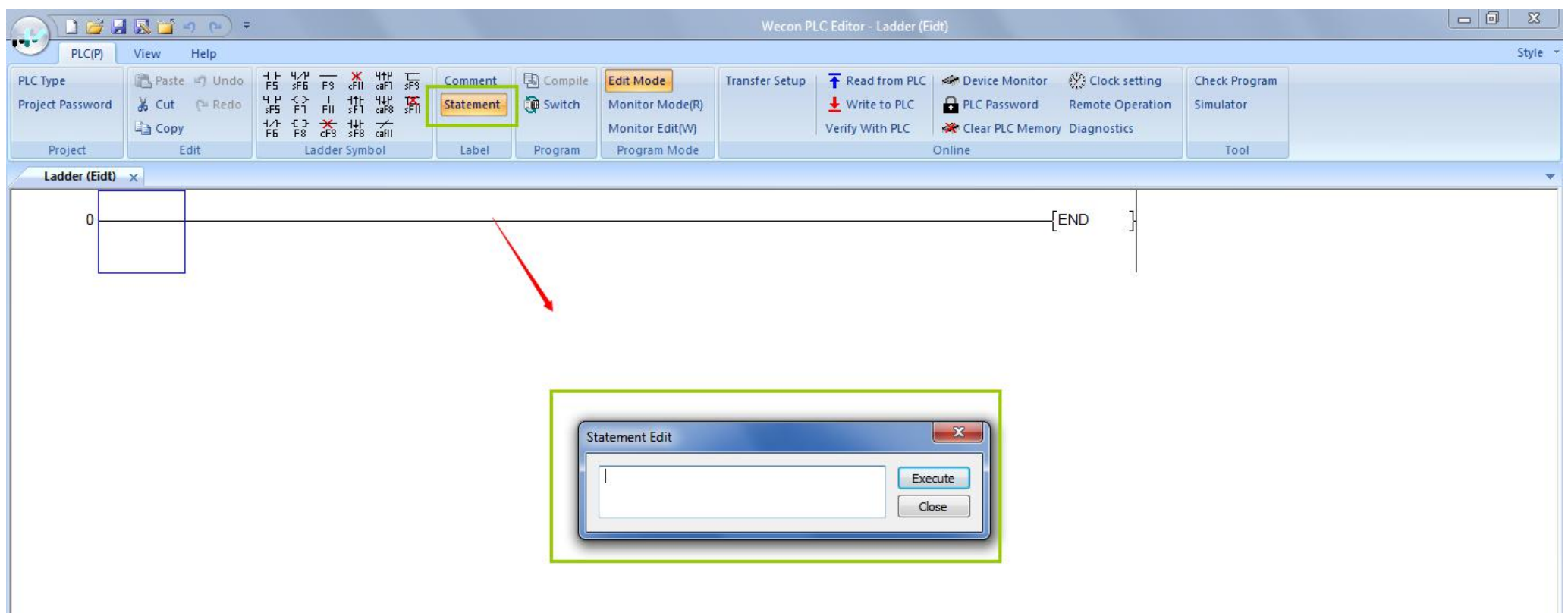


Figure 7

## 11. Compile

You need to compile the PLC program before downloading or running Off-line Simulator. The background color will be changed from gray to white, when no error found.

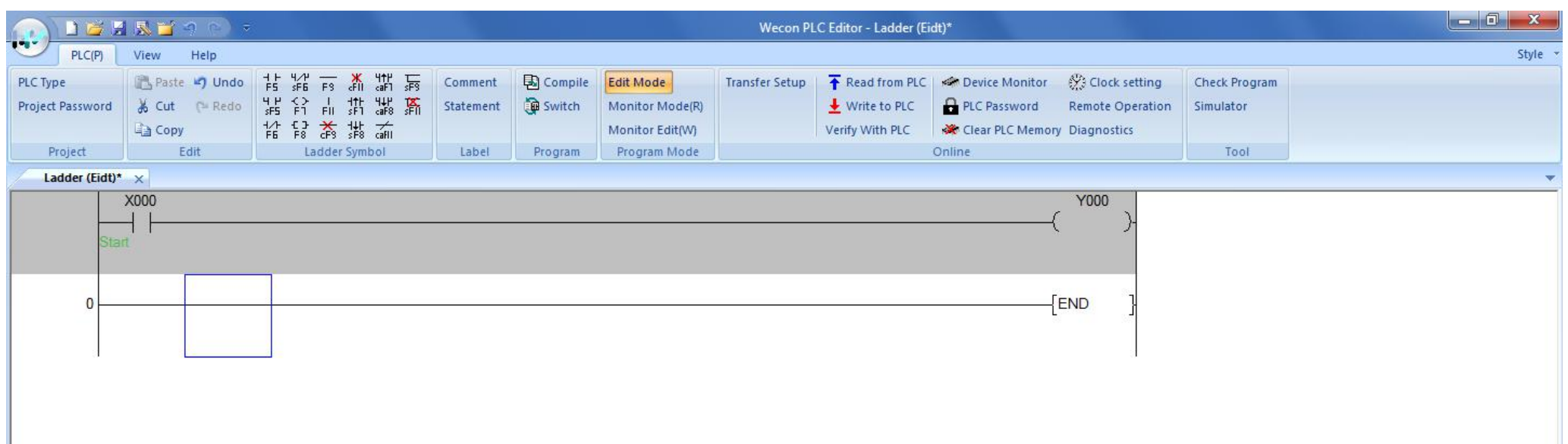


Figure 8

## 12. Download setting

Click on “Transfer Setup” to select the serial port to download.

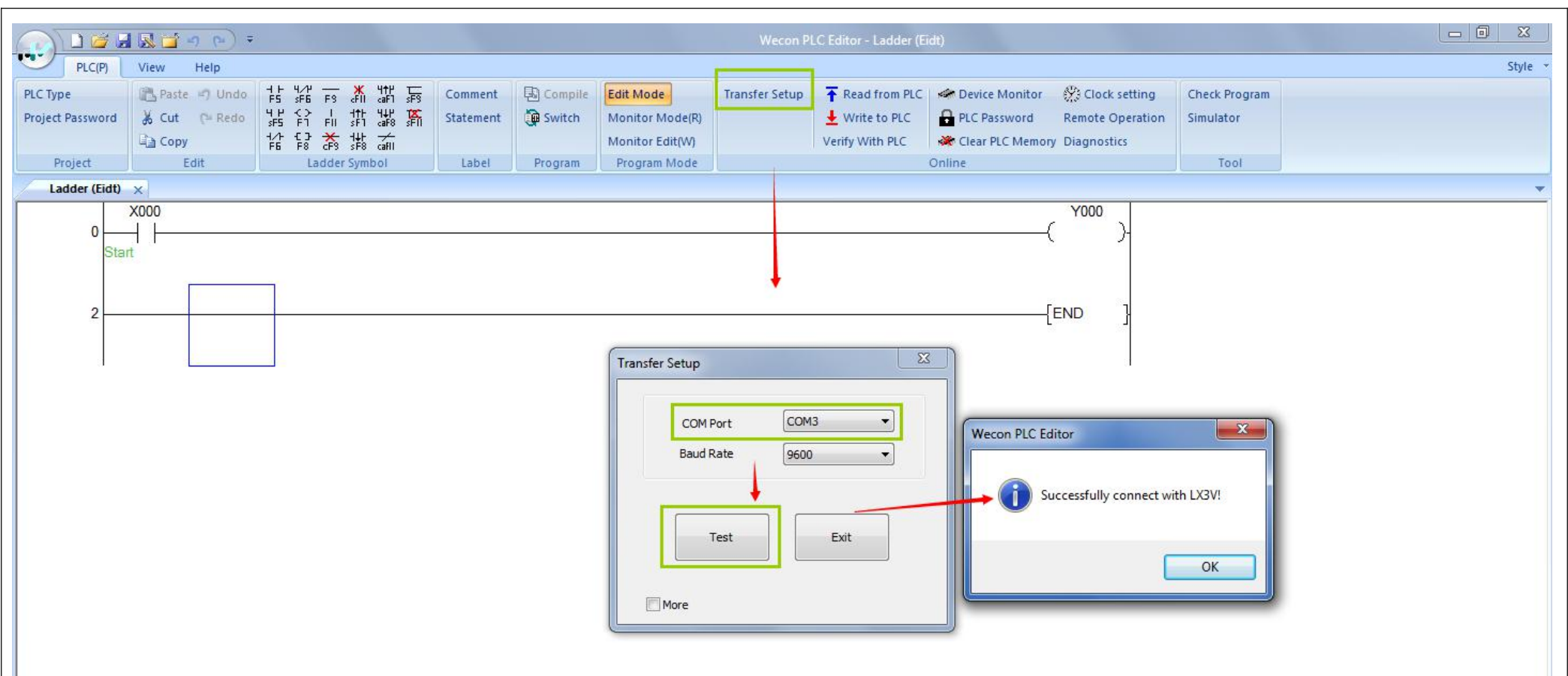


Figure 9

### 13. Download PLC program to PLC

Quick select the parameters and main program of PLC program, then download to PLC, "Yes"- "Yes"- "OK"

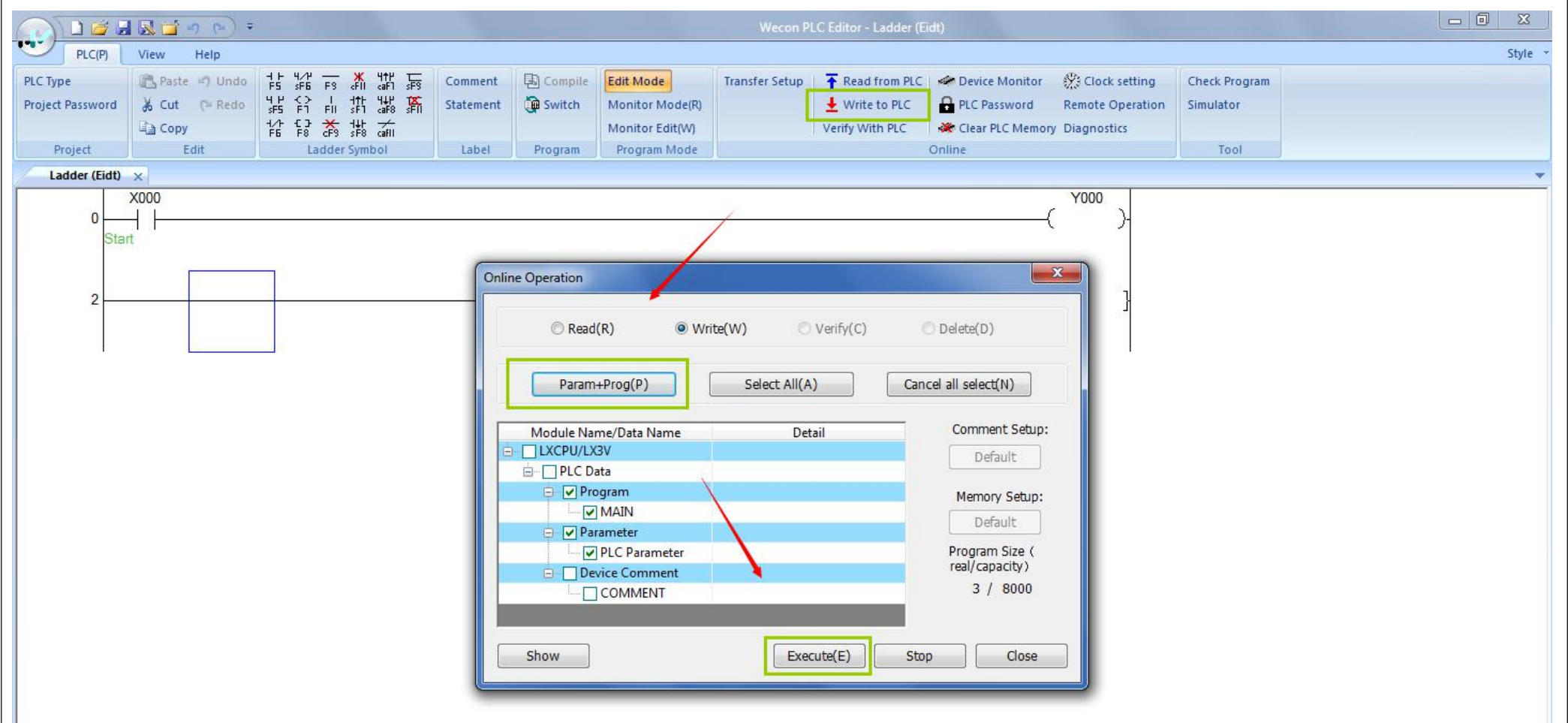


Figure 10

### 14. Upload PLC program from PLC

Read the PLC program from PLC to computer.

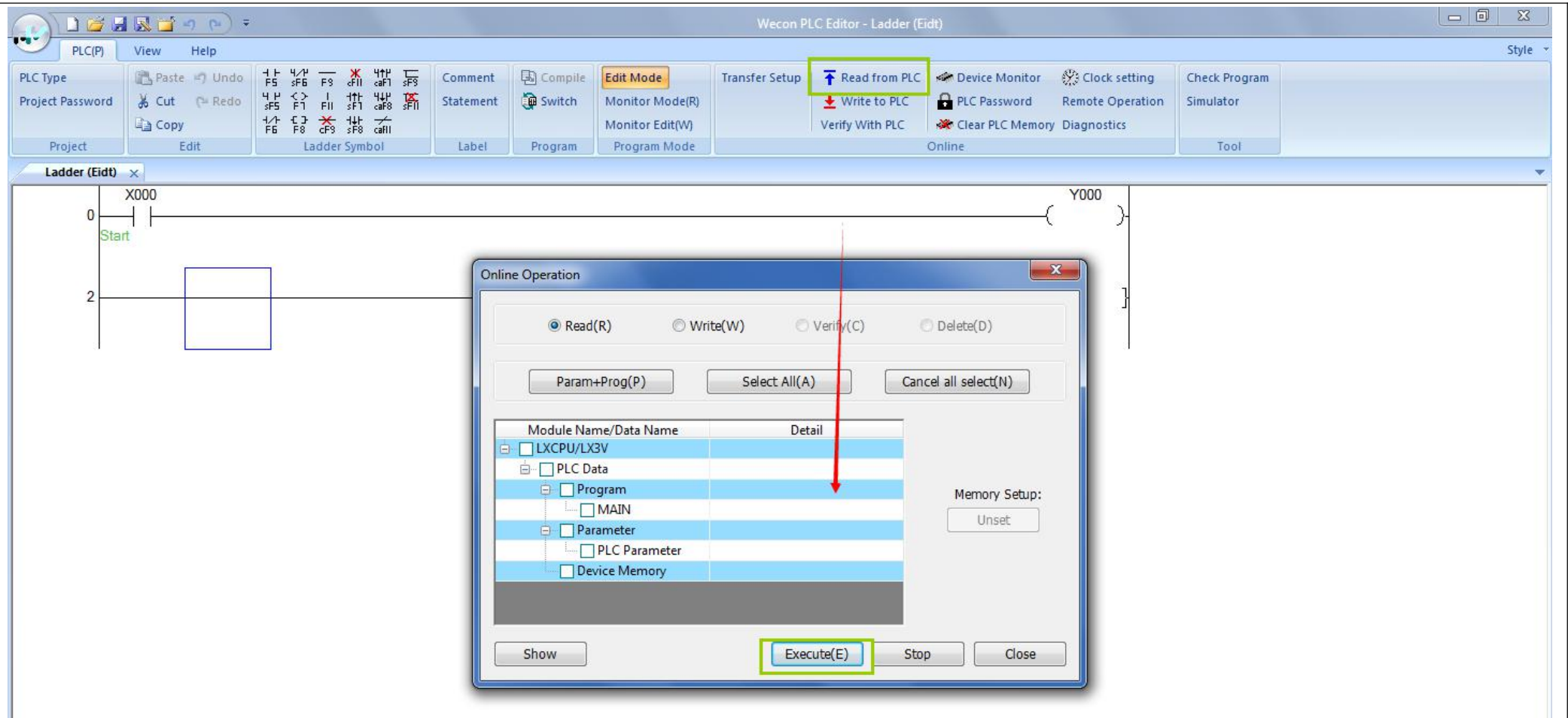


Figure 11

15. Device monitor

Monitor the value of certain address in PLC, double click on “Current value” to change the value in this address.

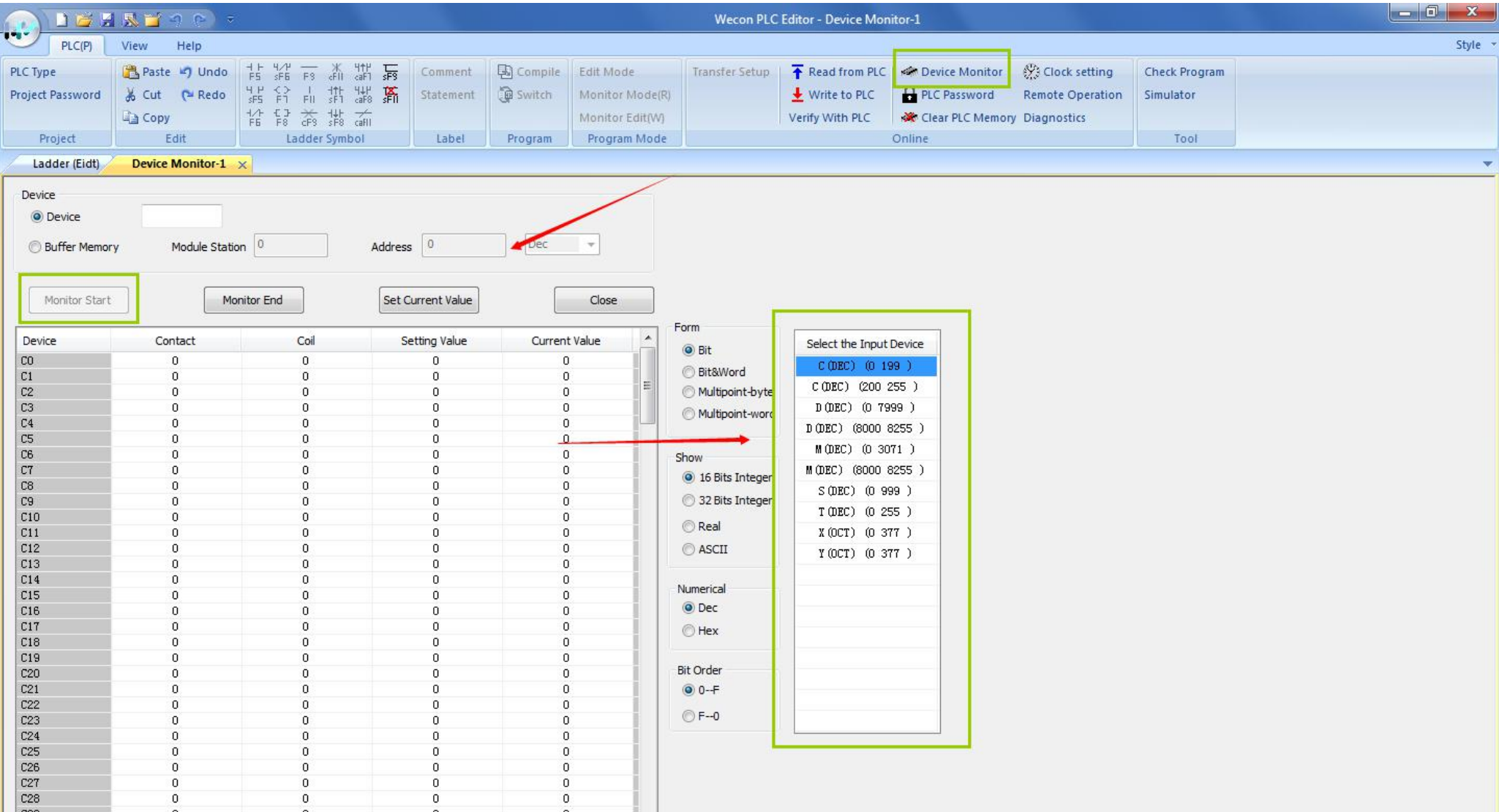


Figure 12

16. Off line simulator

Check the states of PLC program by running off line simulator.

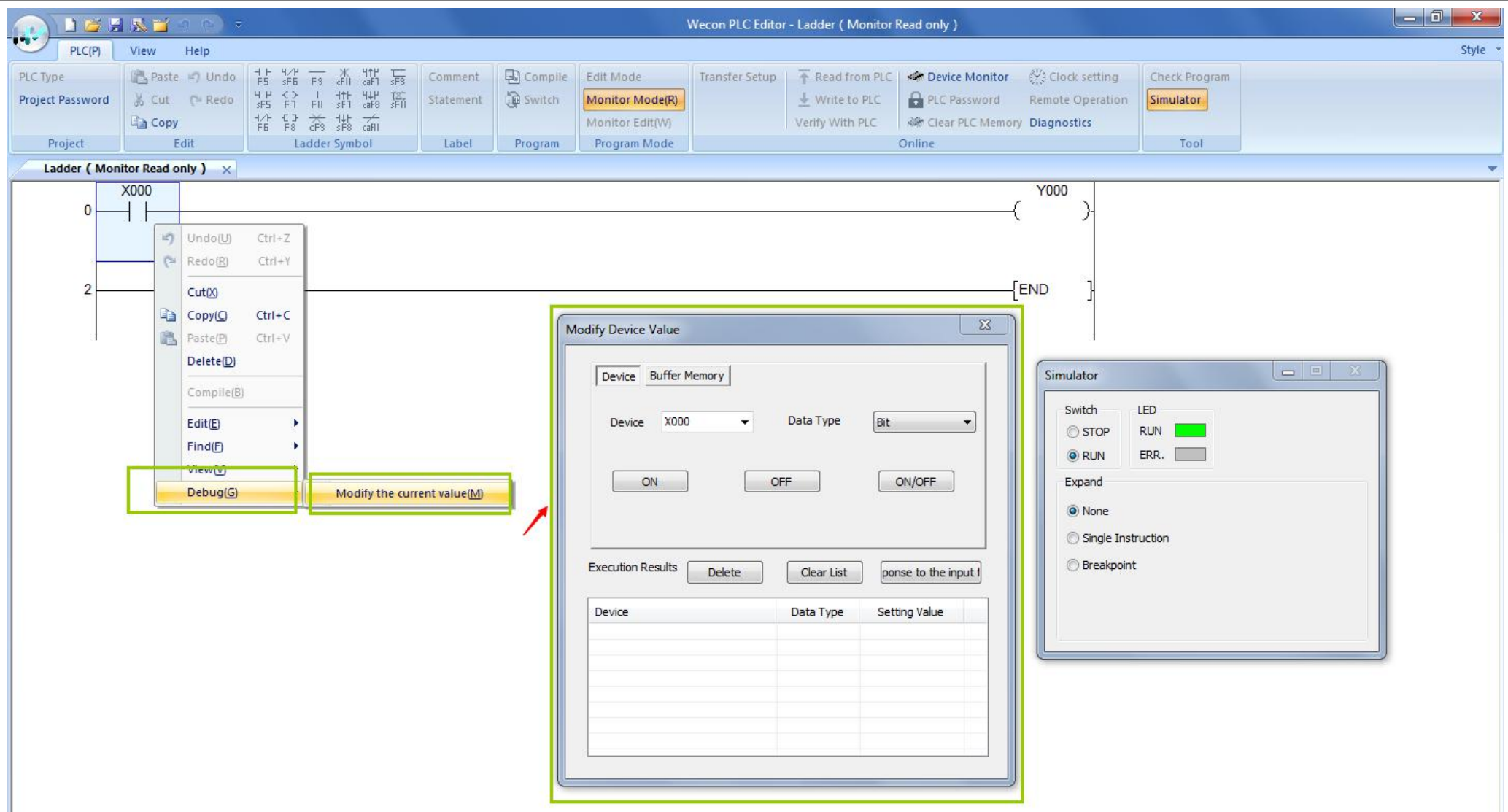


Figure 13

## 17. Online monitor

Monitor the each address in PLC by online monitor, also allow you changing the state or value in PLC.

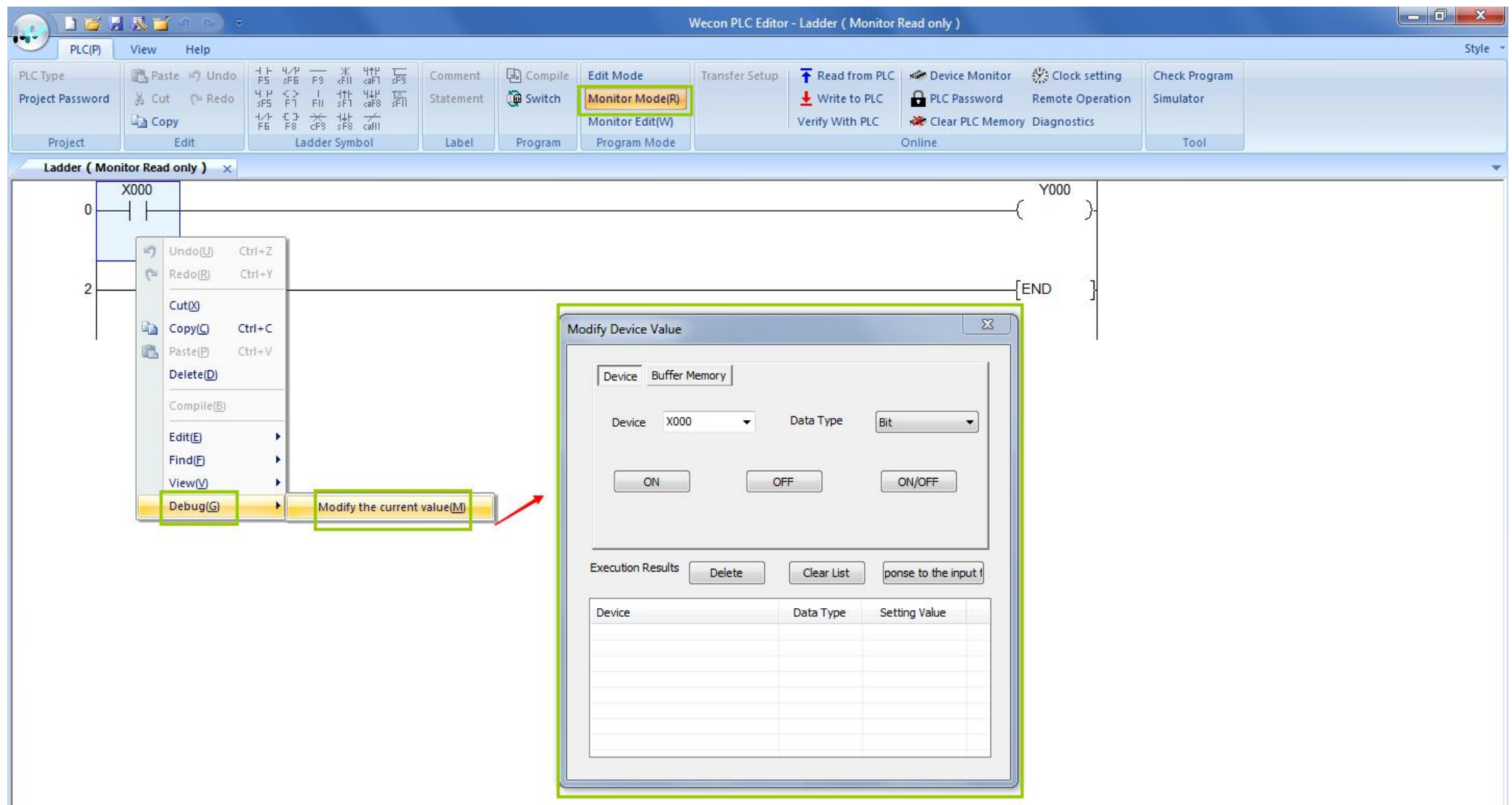


Figure 14

## 18. Monitor edit

In this mode, allow user to edit the PLC program during PLC is running.

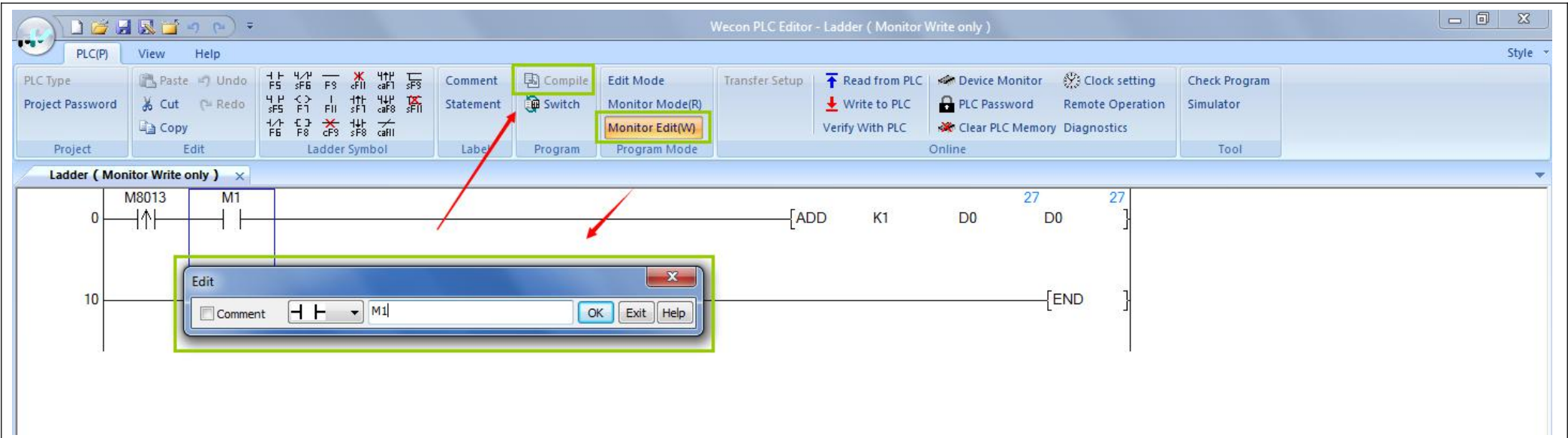


Figure 15