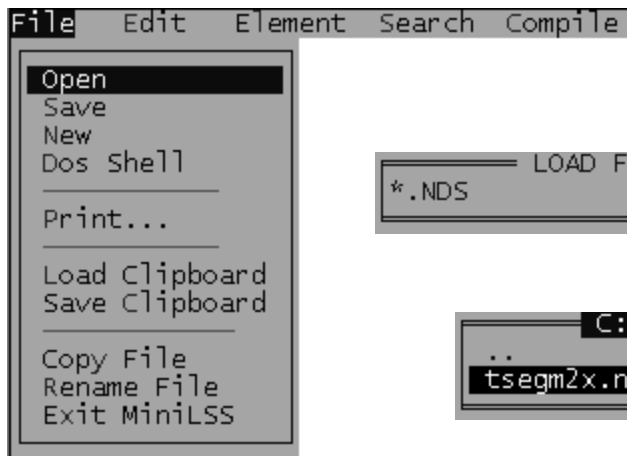


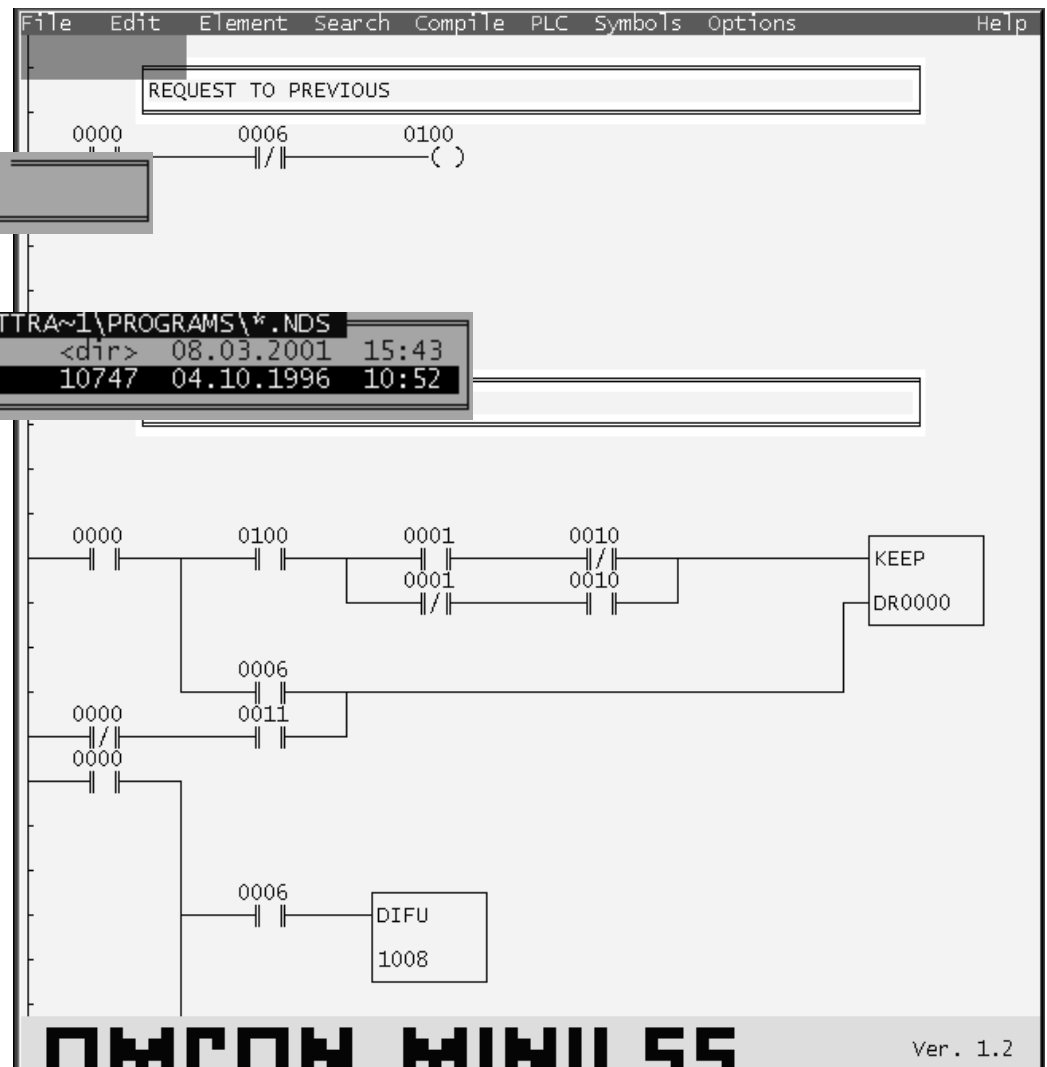
MiniLSS

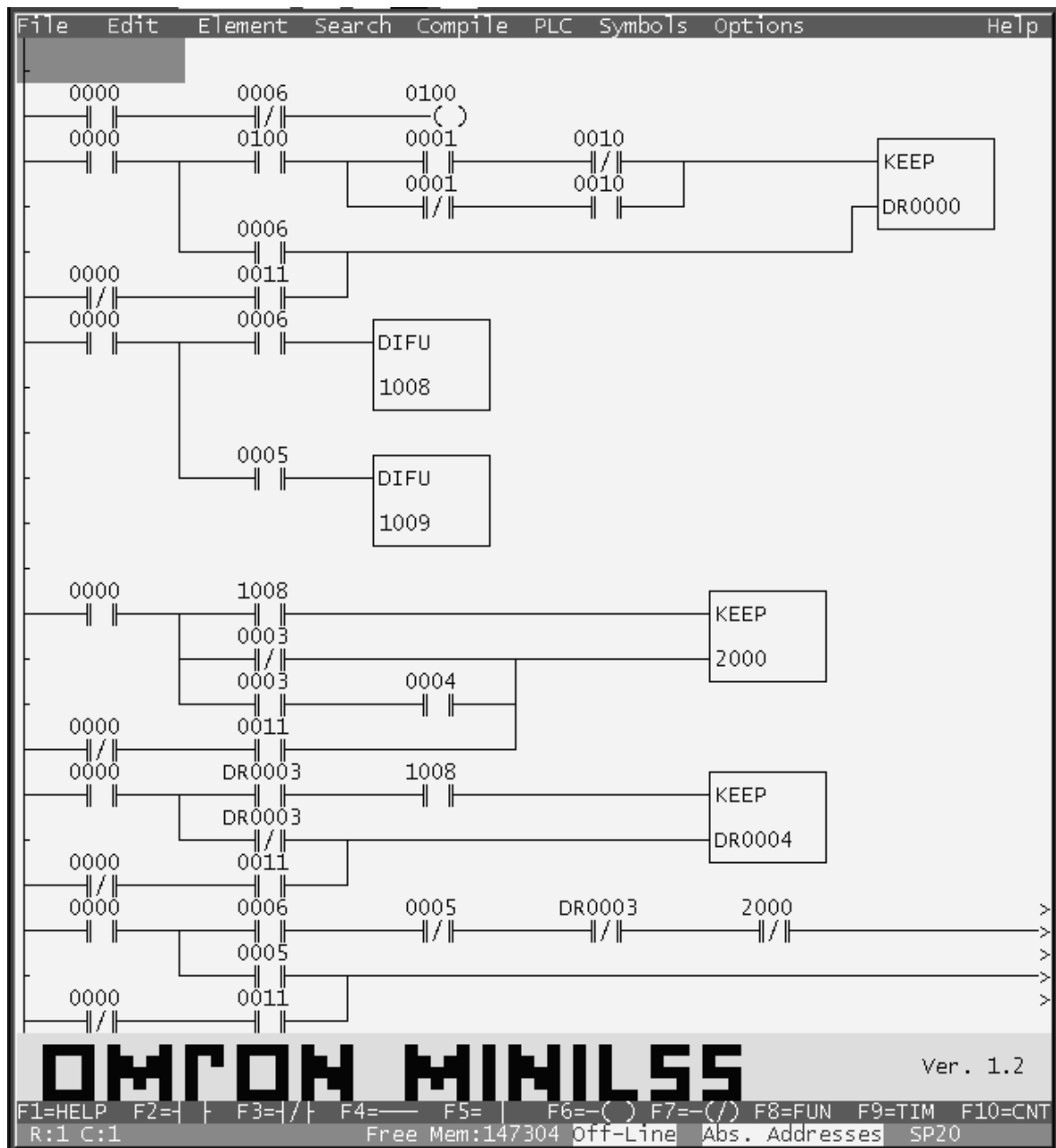


Control Software



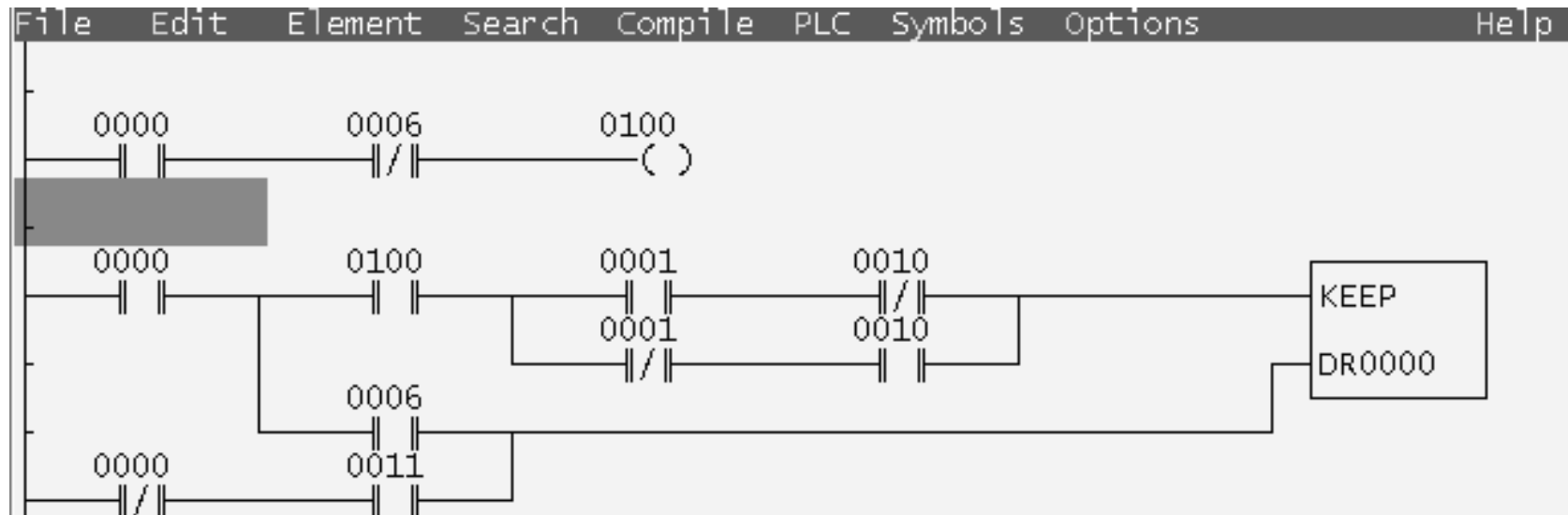
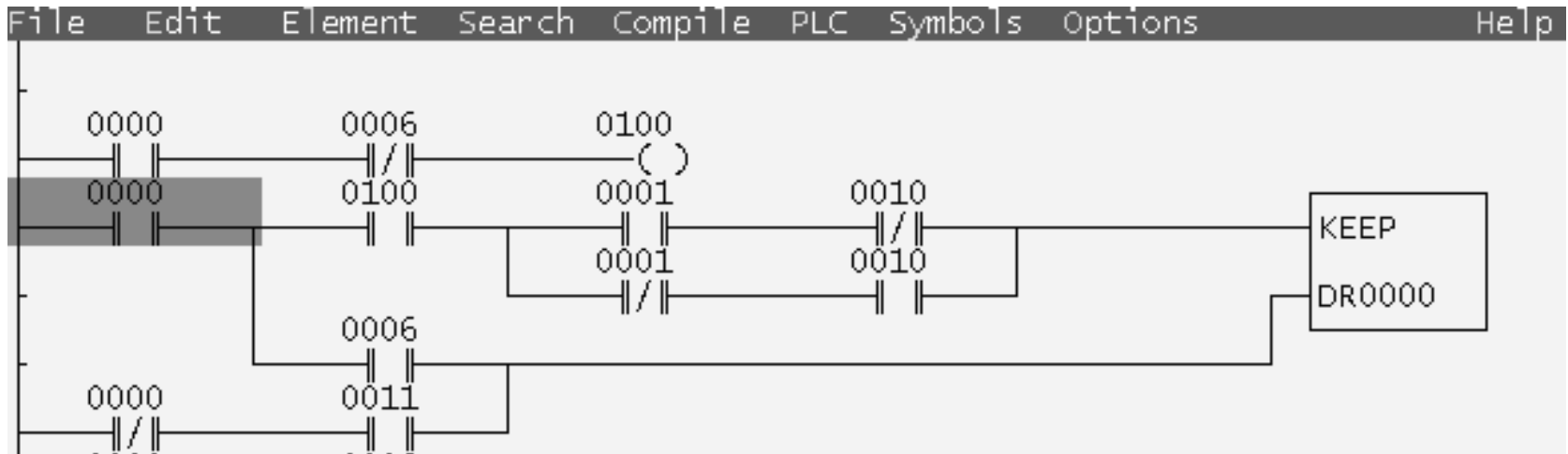
	Open a Program File
1	Press Alt + F or Select File Menu
2	Press "O" or Select Open
3	Press "Enter"
4	Select File to Open
5	Press "Enter"
*	Selected File will open

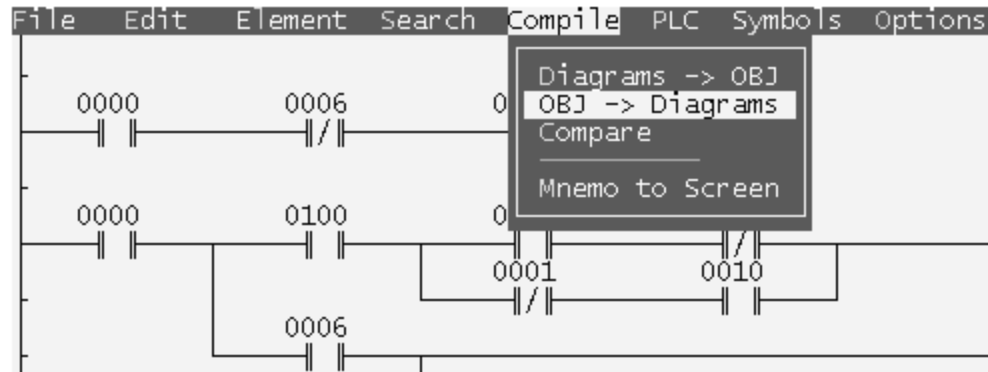
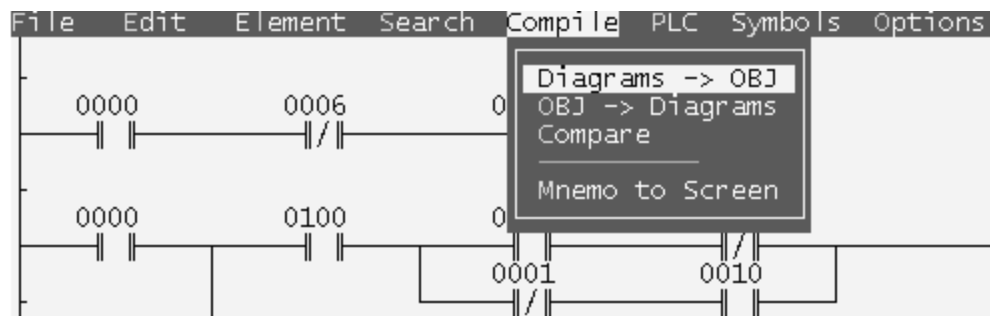




Key	Description
F1	Help
F2	Open Contact
F3	Closed Contact
F4	Horizontal Line
F5	Vertical Line
F6	Open Coil
F7	Closed Coil
F8	Function (Instruction)
F9	Timer
F10	Counter

	Insert Line
1	Place Cursor on top of line to be moved down
2	Press "Insert"





DI Object file
10 noname.lob

Delete Lines

Press Alt + C or Select Compile Menu

Press "D" or Select Diagrams-> OBJ

Press "Enter"

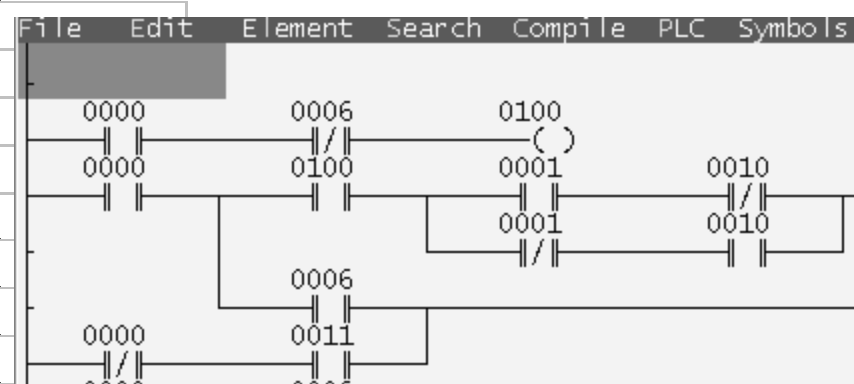
Press Alt + C or Select Compile Menu

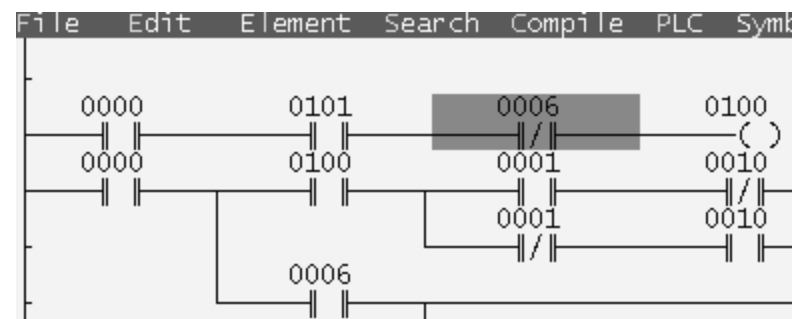
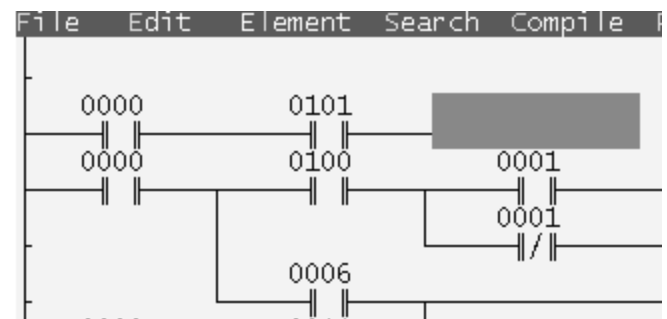
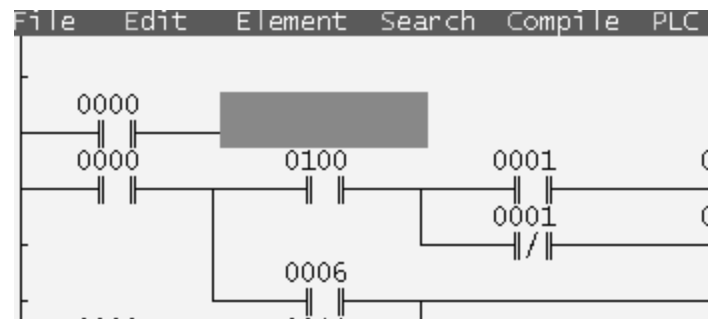
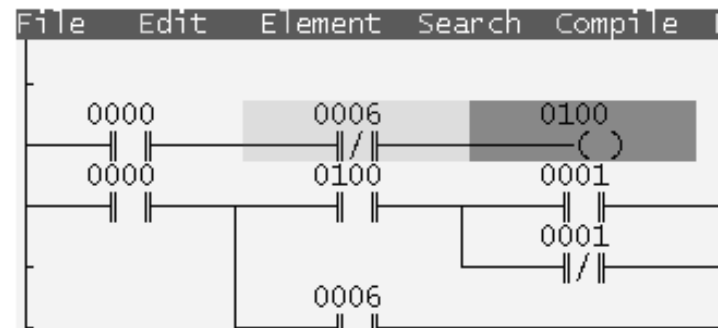
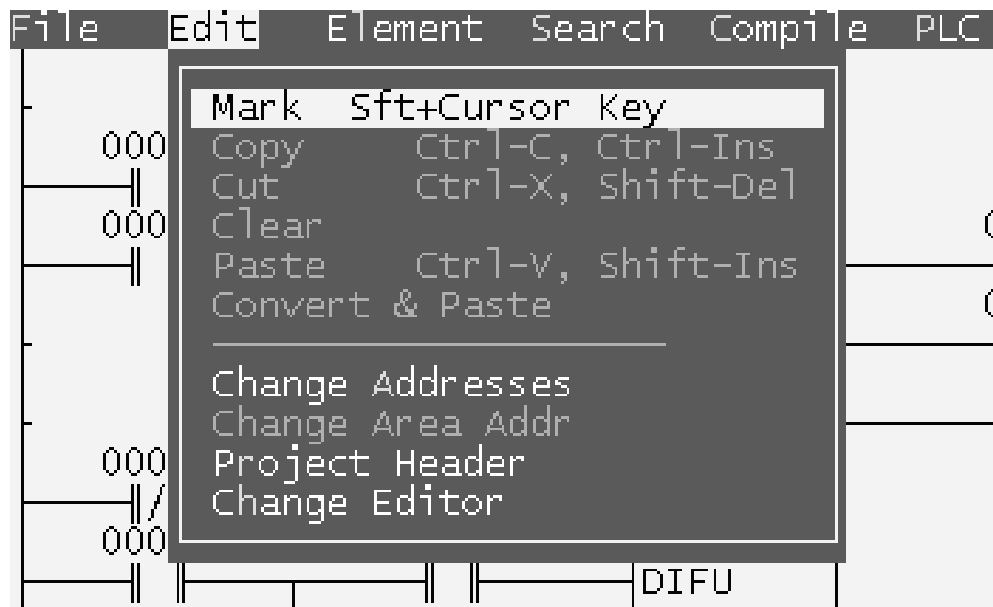
Press "O" or Select OBJ->Diagrams

Press "Enter"

Select noname.lob

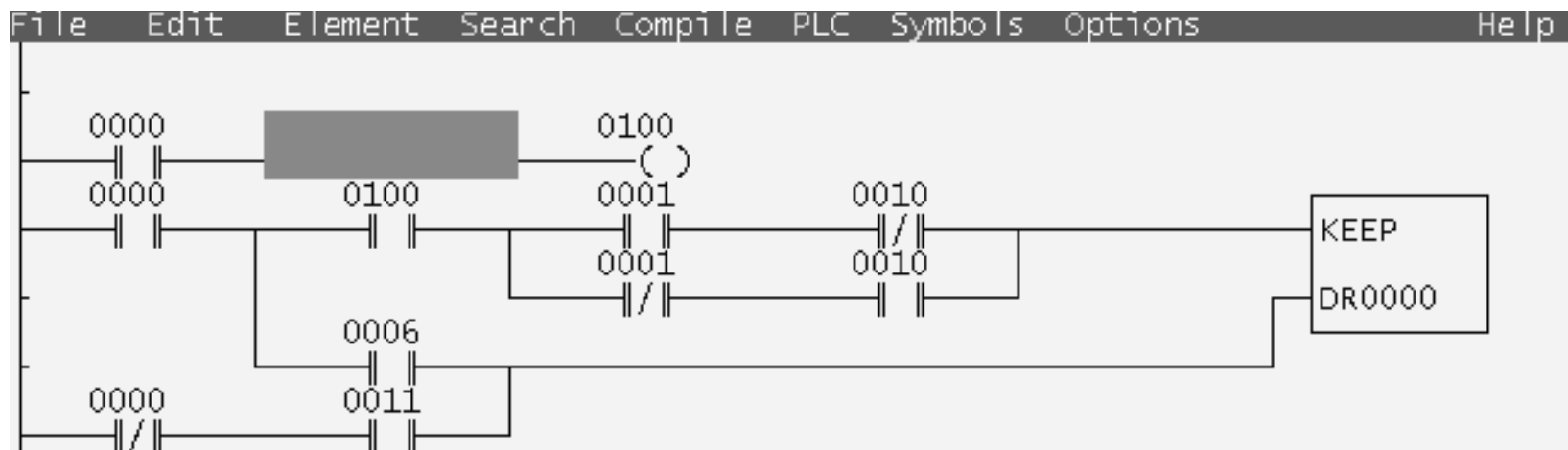
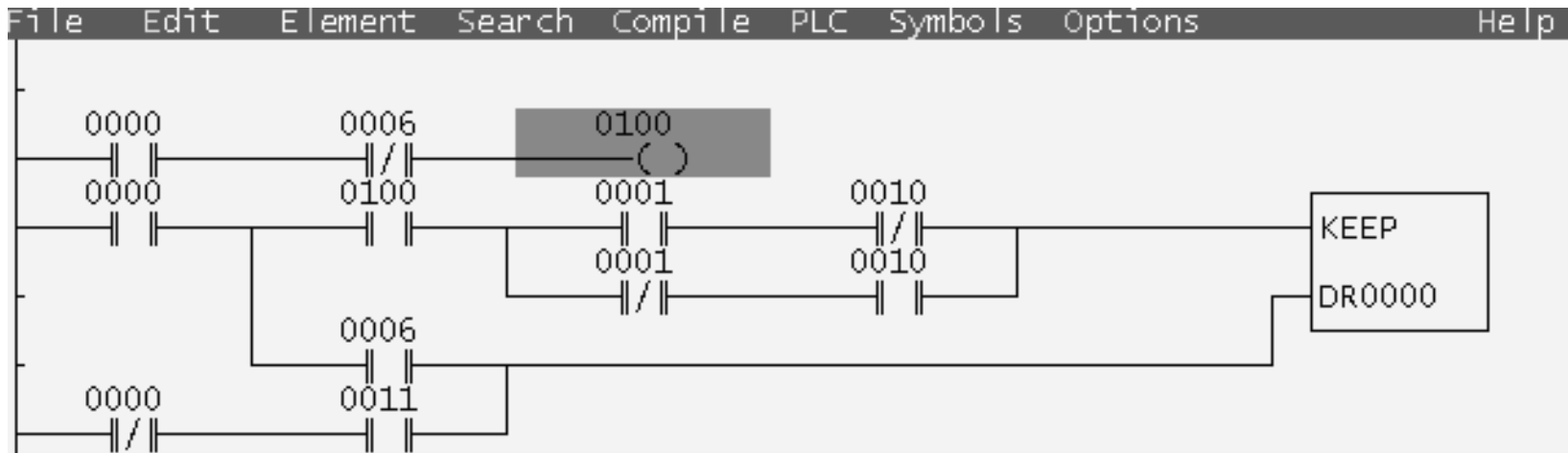
Press "Enter"



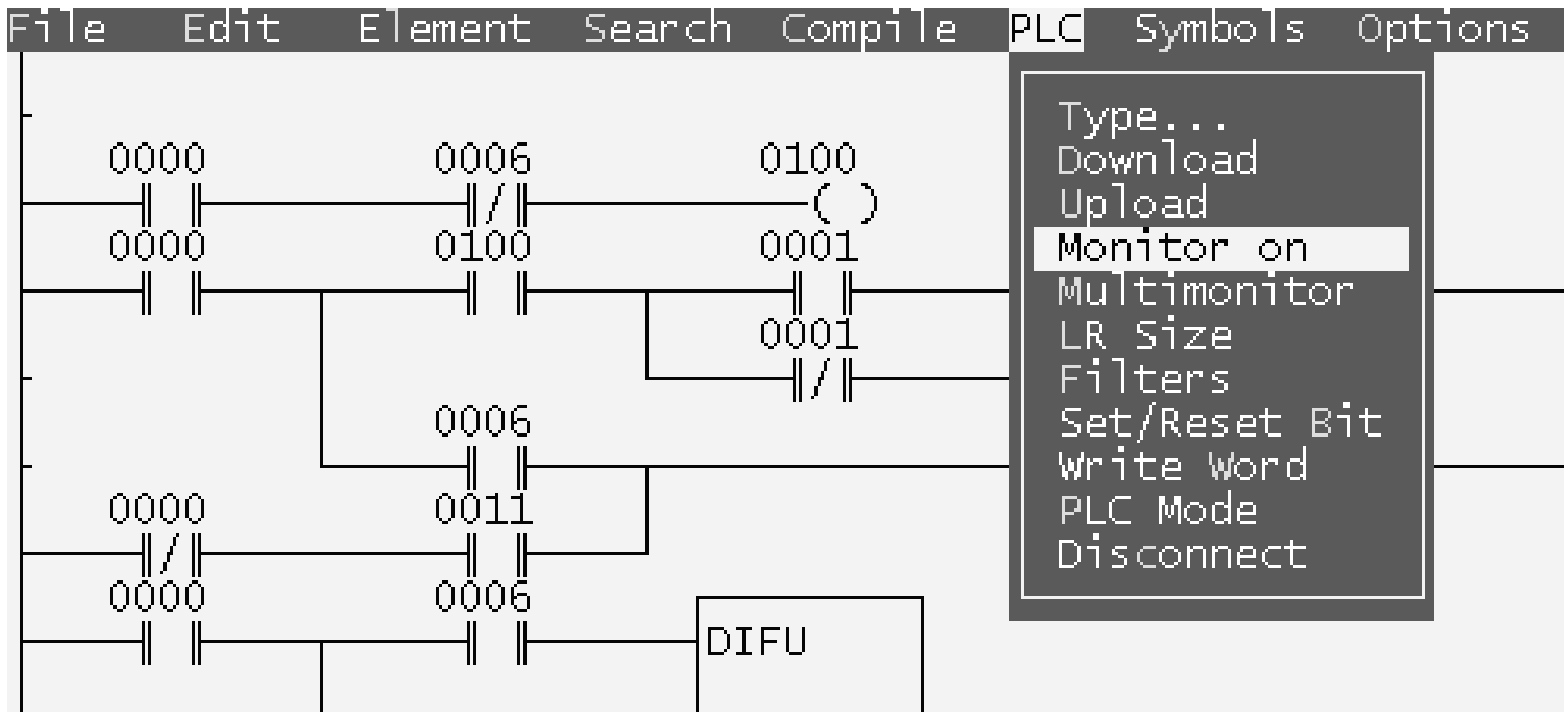


	Insert a Contact/Coil in a Line
1	Place Cursor over the position to be inserted
2	Press Alt + E or Select Edit Menu
3	Press "M" or Select Mark
4	Select all elements to the right of the insert position
5	Press Ctrl + X to Cut Selection
6	Press Fkey for inserted element (F2=Contact, etc.)
7	Enter Address
8	Position Cursor to the right of the new element
9	Press Ctrl + V to Paste Selection

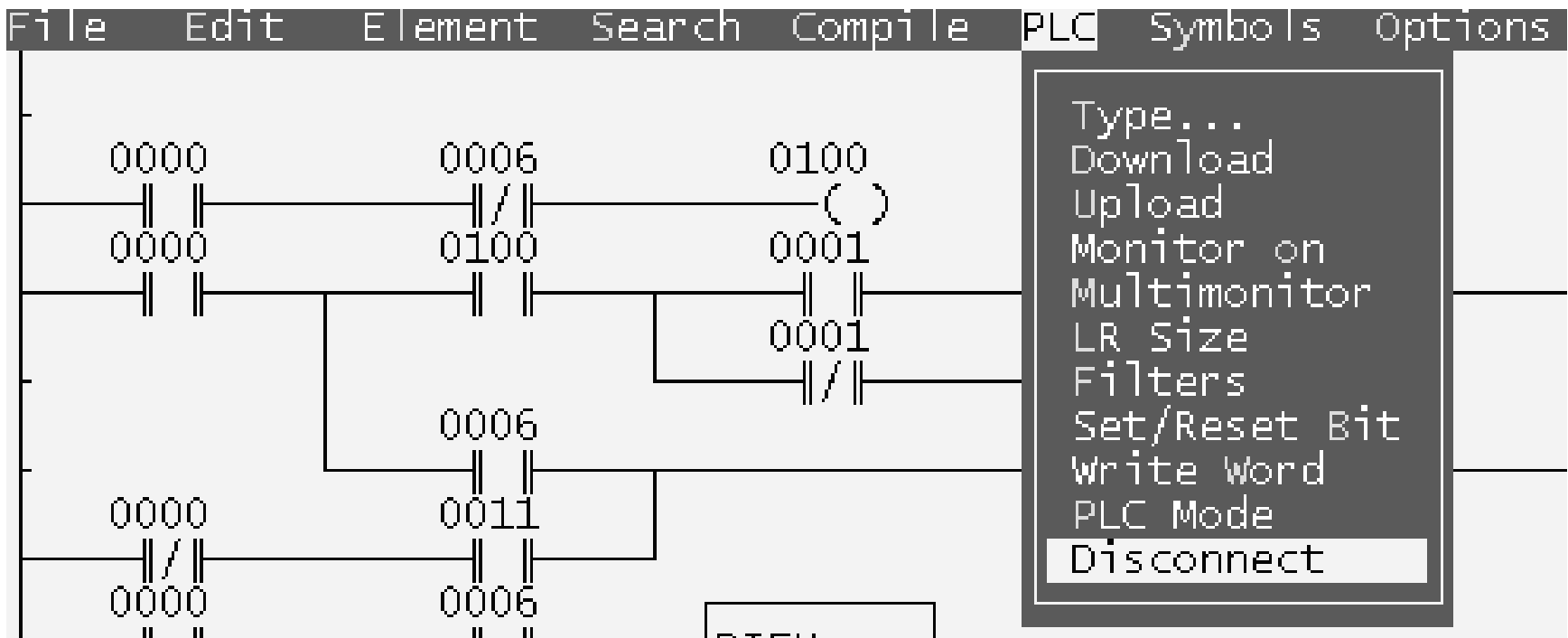
	Delete a Contact/Coil/Function
1	Place Cursor to the right of the element to be deleted
2	Press "Backspace"



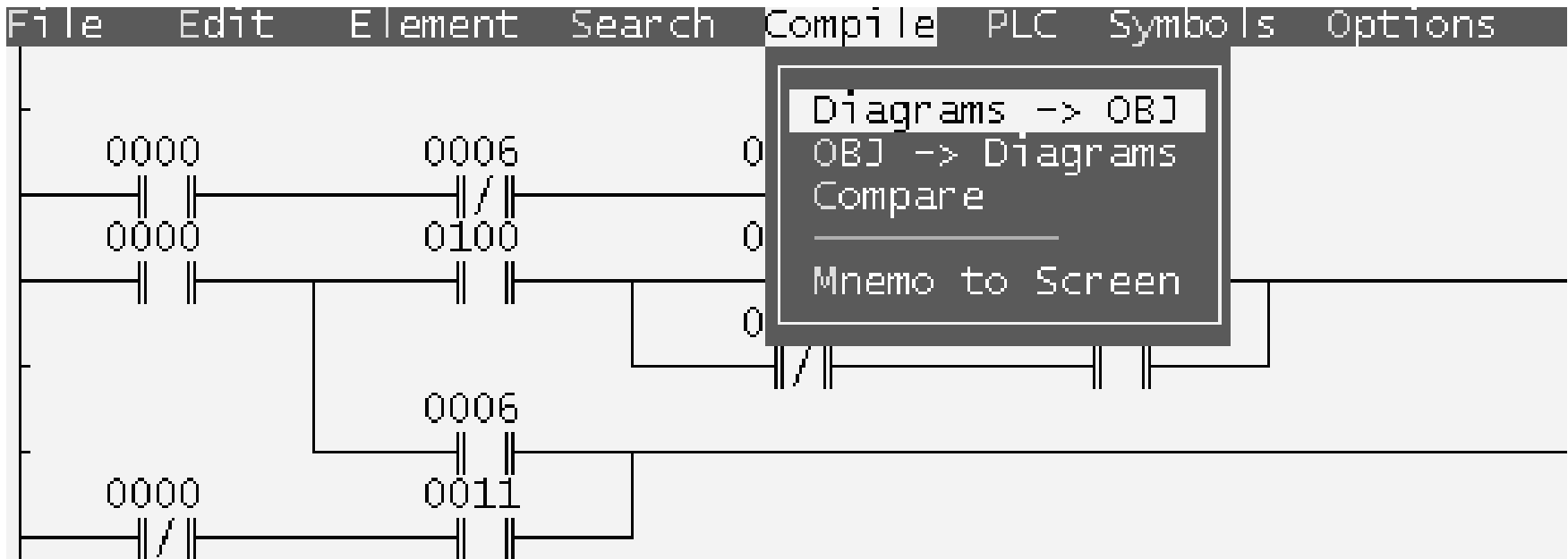
	Computer to PLC Communications (On-Line)
1	Press Alt + P or Select PLC Menu
2	Press "O" or Select Monitor On
3	Select PLC where to connect (usually "0")



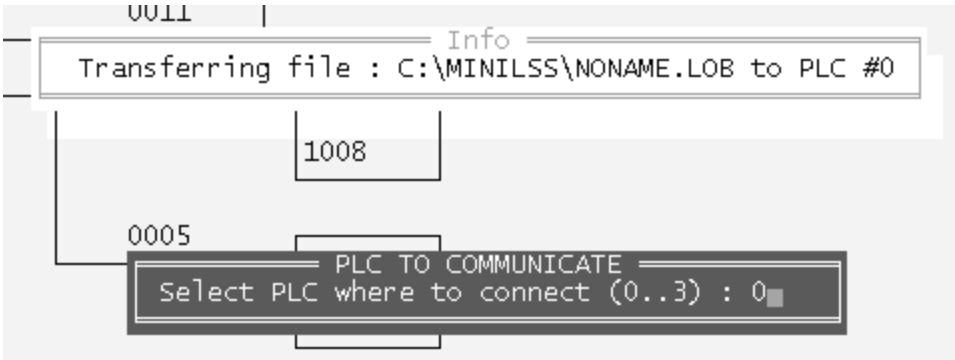
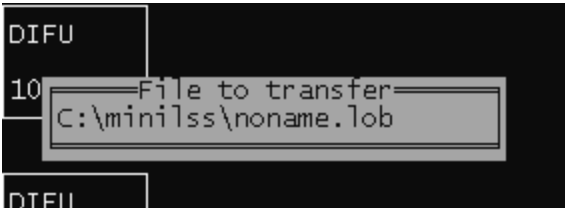
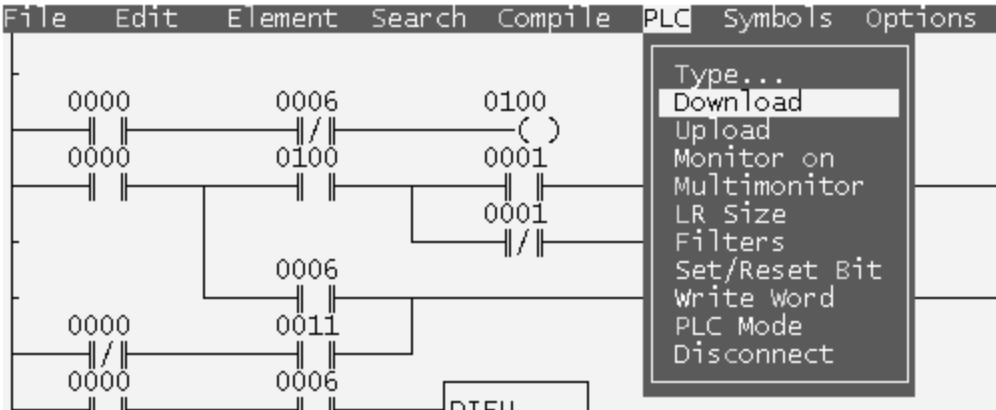
	Terminate PLC Communications (Off-Line)
1	Press Alt + P or Select PLC Menu
2	Press "C" or Select Disconnect



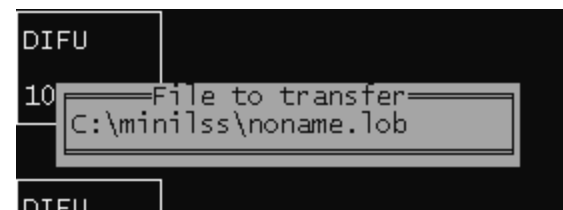
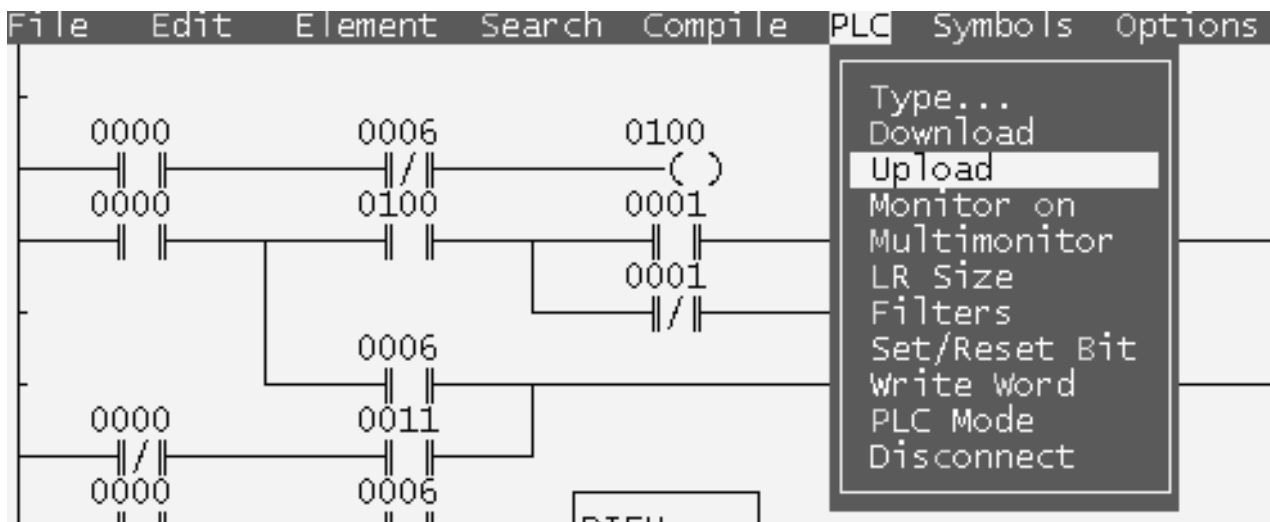
	To Compile before Download
1	Press Alt + C or Select Compile Menu
2	Press "D" or Select Diagrams -> OBJ



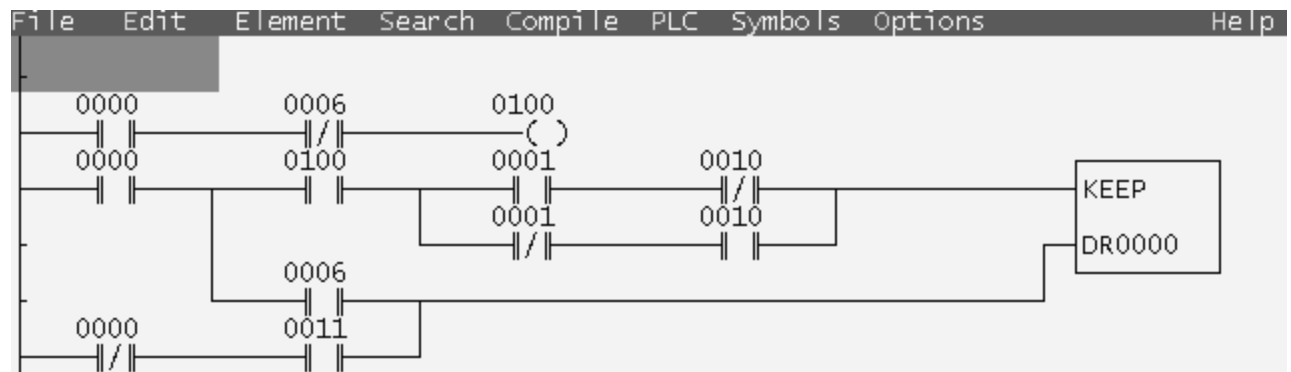
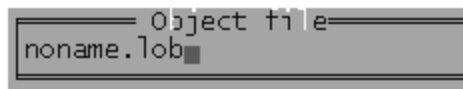
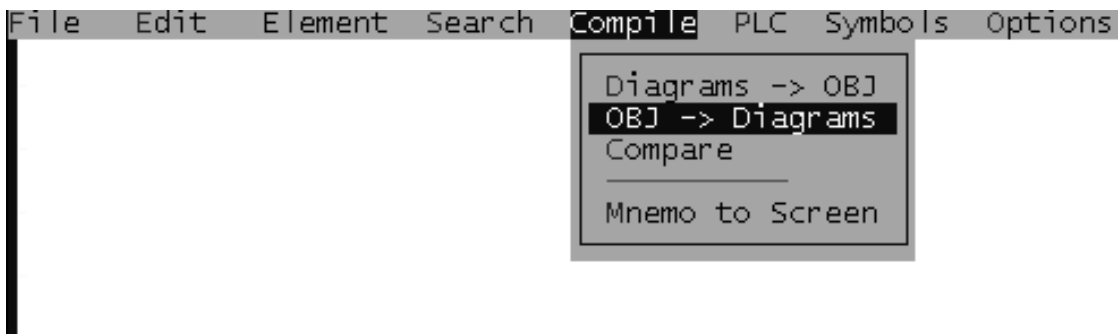
	Transfer a Program from Computer to PLC
1	Press Alt + P or Select PLC Menu
2	Press "D" or Select Download
3	Press "Enter"
4	Select File to Transfer (noname.lob is current file)
5	Press "Y" if PLC is in Run Mode
6	Program will transfer
7	Press "R" if Run Mode is desired ("Esc" to exit)

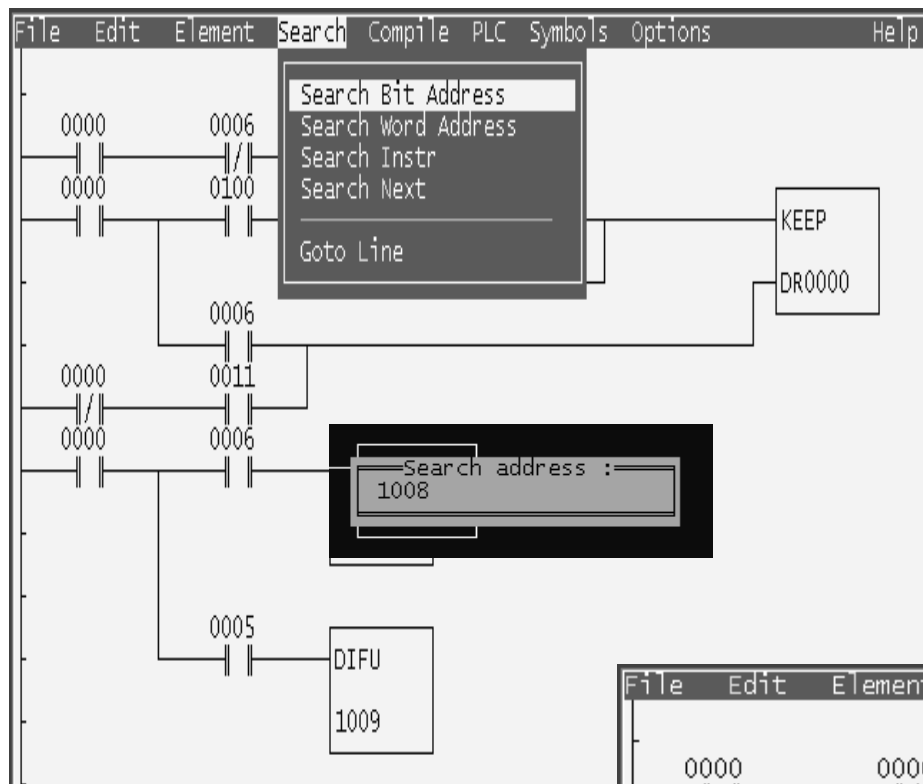


	Transfer a Program from PLC to Computer
1	Press Alt + P or Select PLC Menu
2	Press "U" or Select Upload
3	Press "Enter"
4	Select File to Transfer (noname.lob is current file)
5	Program will transfer



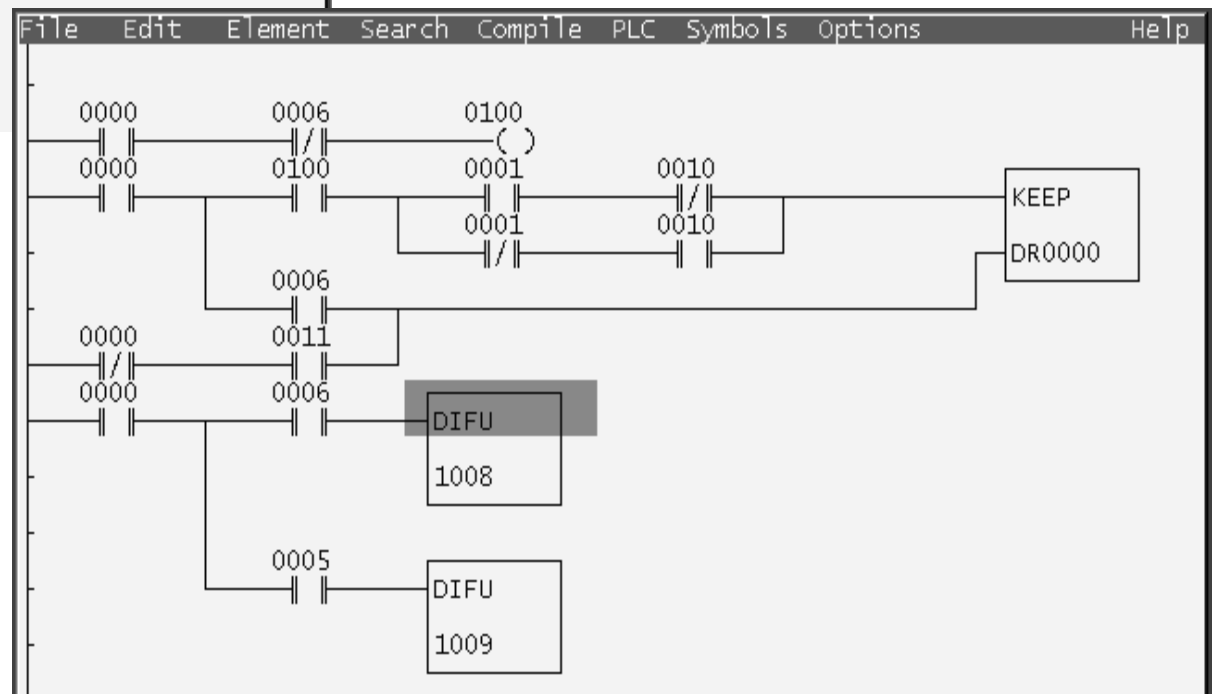
	To De-compile after Upload
1	Press Alt + C or Select Compile Menu
2	Press "O" or Select OBJ->Diagrams
3	Press "Enter"
4	Select File to De-compile (noname.lob is current file)
5	Press "Y" for changes to overwrite current file

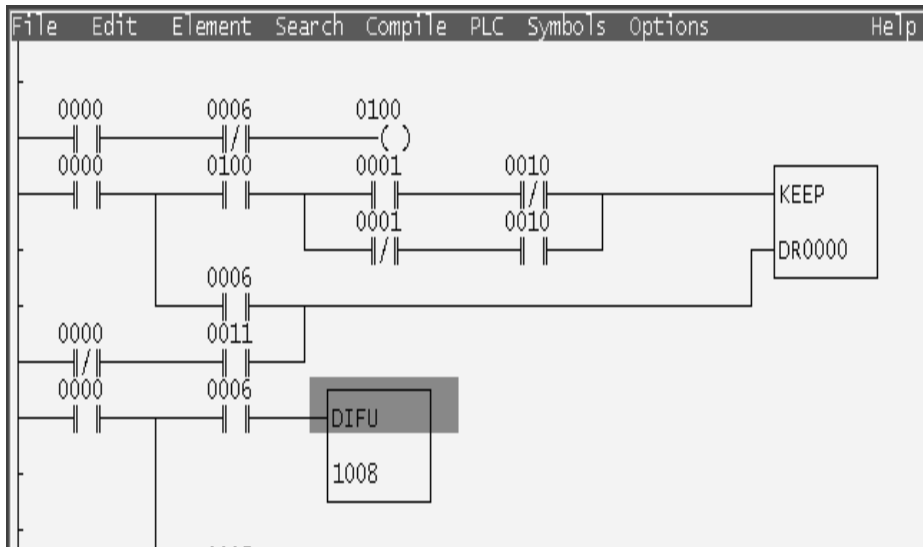




Search for a Bit Address (Word Address)

- 1 Place Cursor at Top of Diagram
- 2 Press Alt + S or Select Search Menu
- 3 Press "B" or "W" or Select Search Bit or Word Address
- 4 Enter Address
- * Instruction will be highlighted by cursor



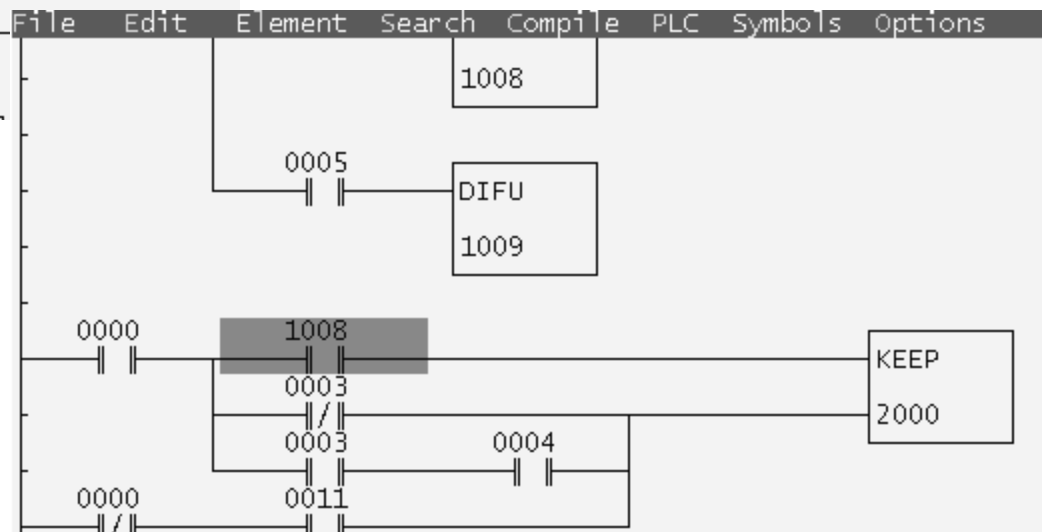
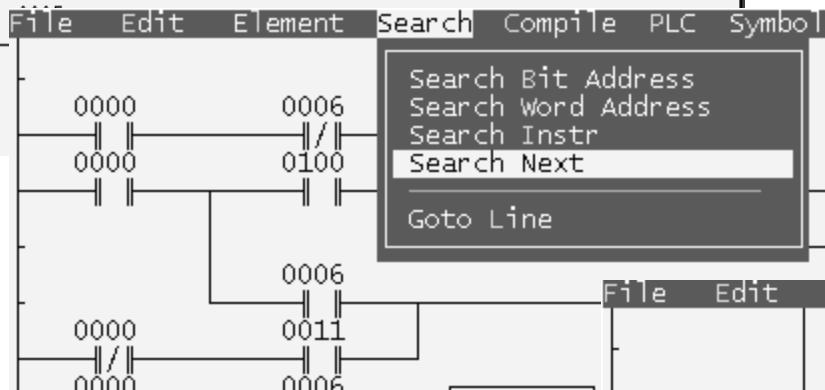


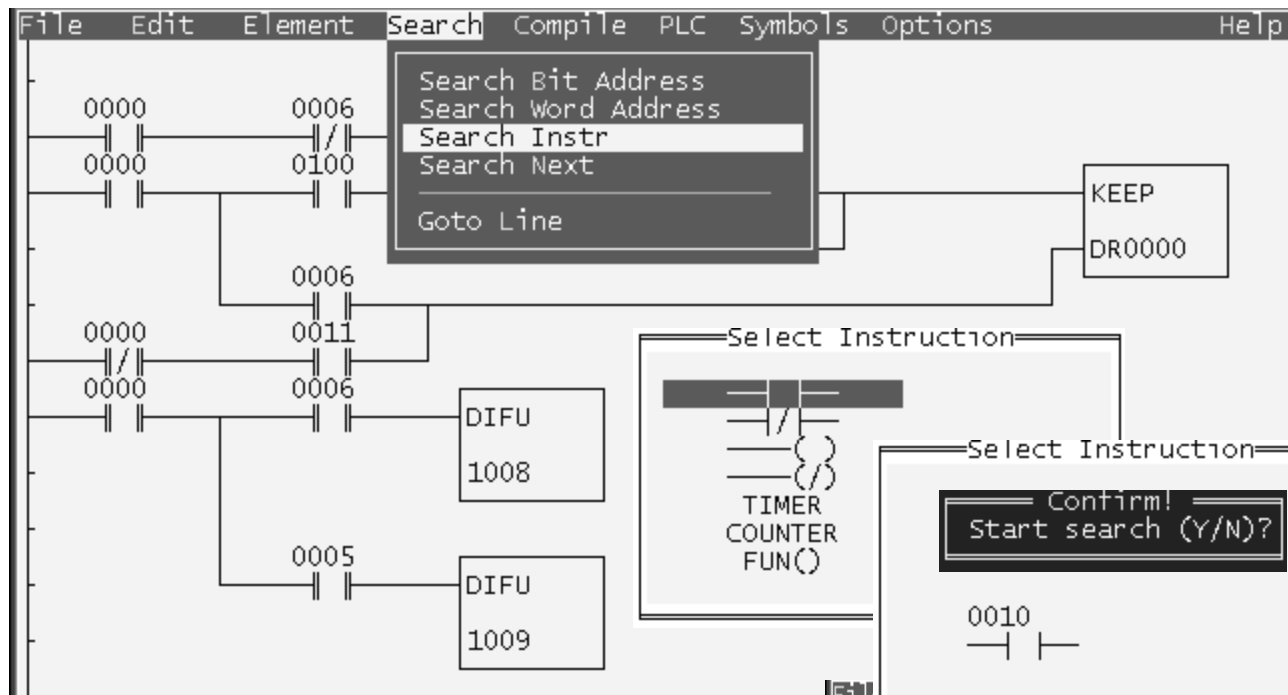
Continue Search

1 Press Alt + S or Select Search Menu

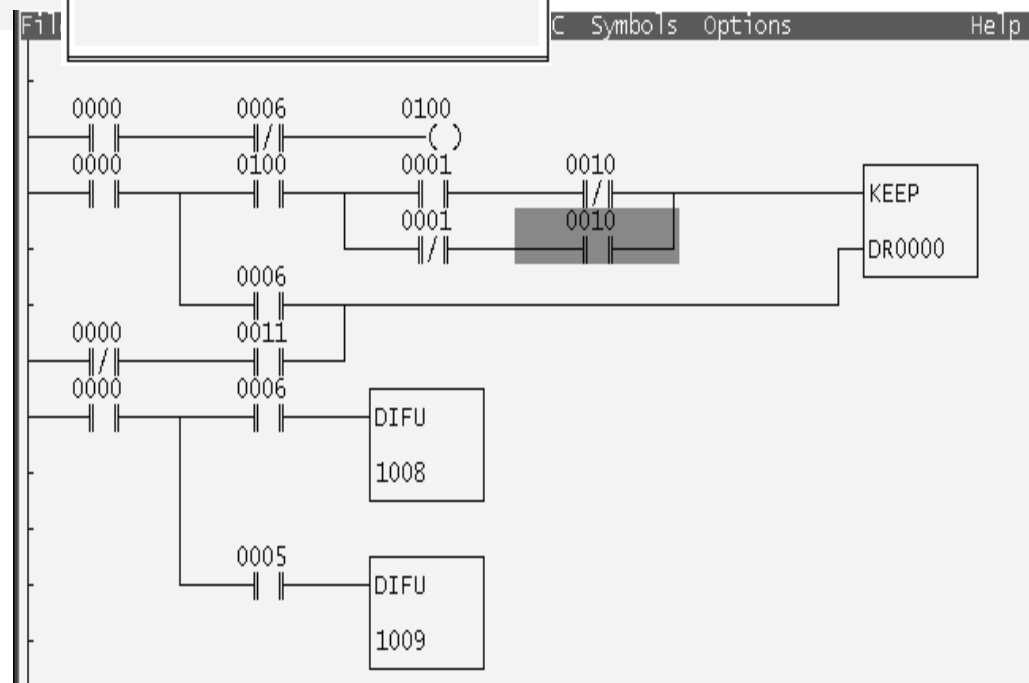
2 Press "N" or Select Search Next

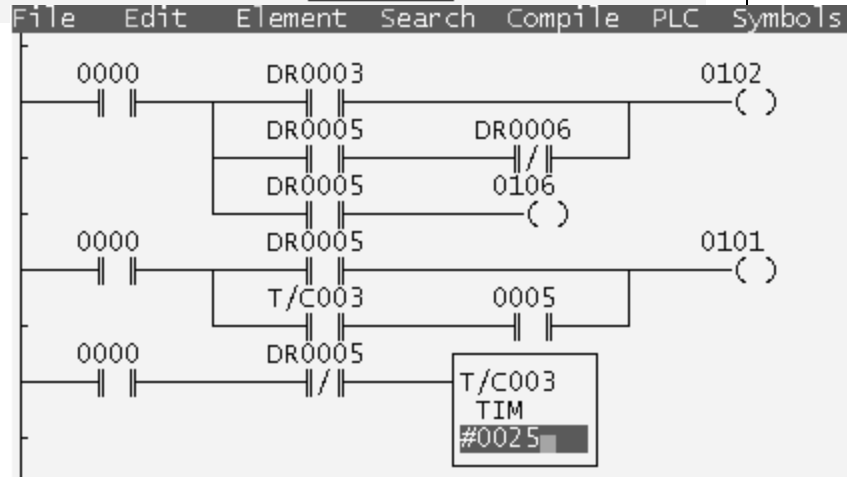
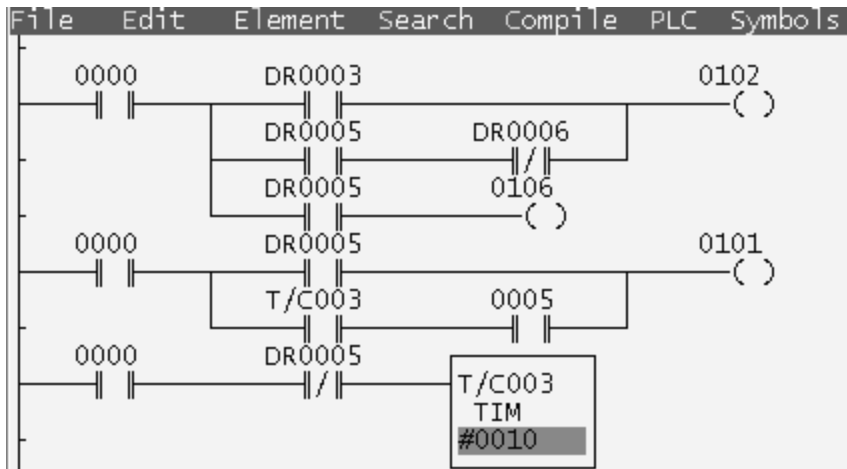
* Next Instruction will be highlighted by cursor





	Search for a Contact/Coil/Timer/Counter/Function
1	Place Cursor at Top of Diagram
2	Press Alt + S or Select Search Menu
3	Press "I" or Select Search Instruction
4	Enter Instruction Type
5	Enter Address
6	Press "Enter"
7	Press "Y"
*	Instruction will be highlighted by cursor





Change Timer/Counter Preset

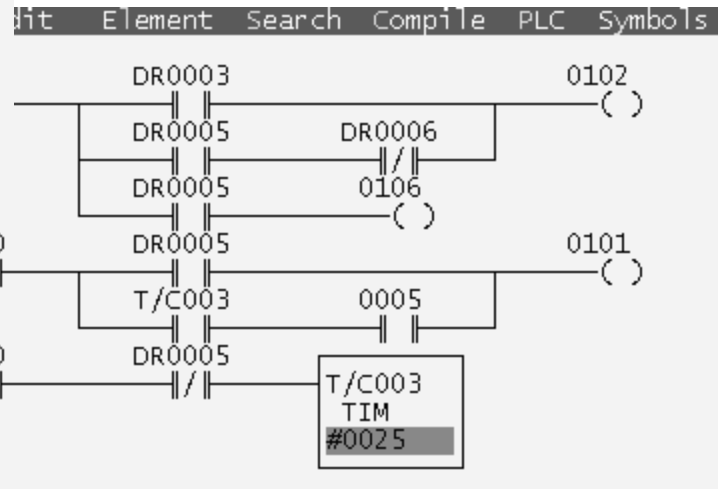
1 Place Cursor over the Timer/Counter Preset

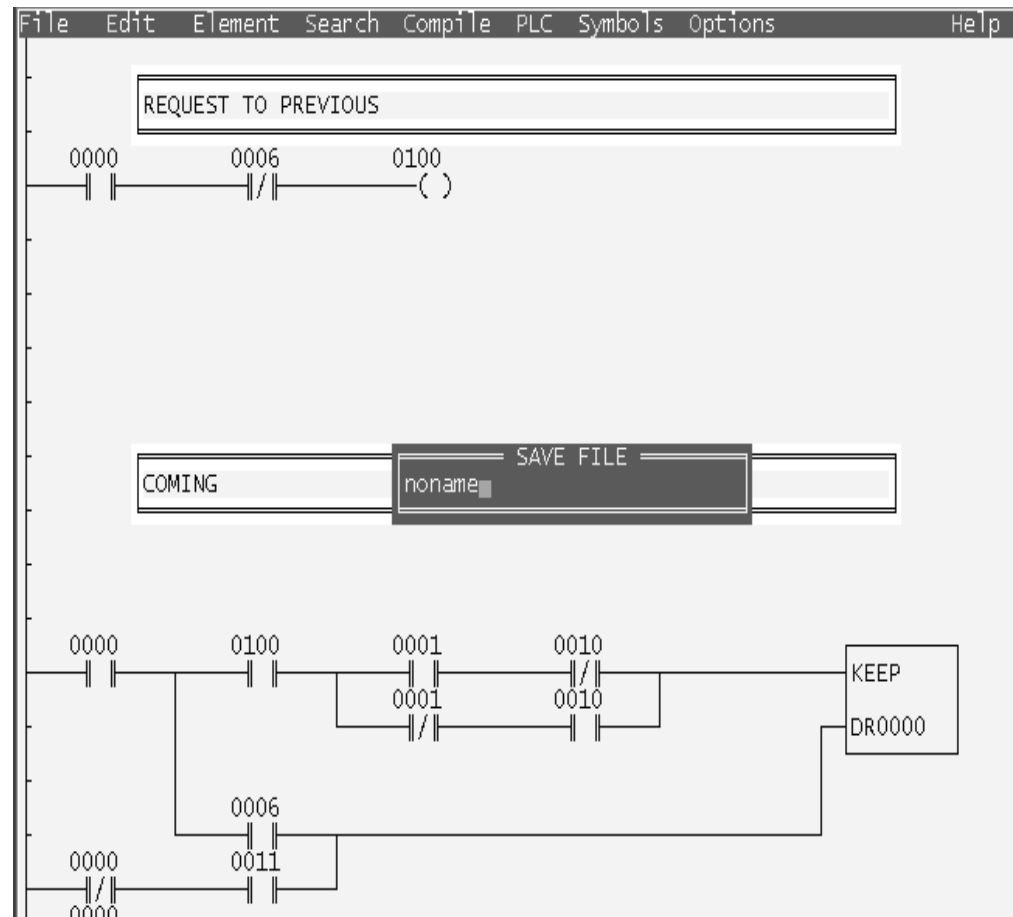
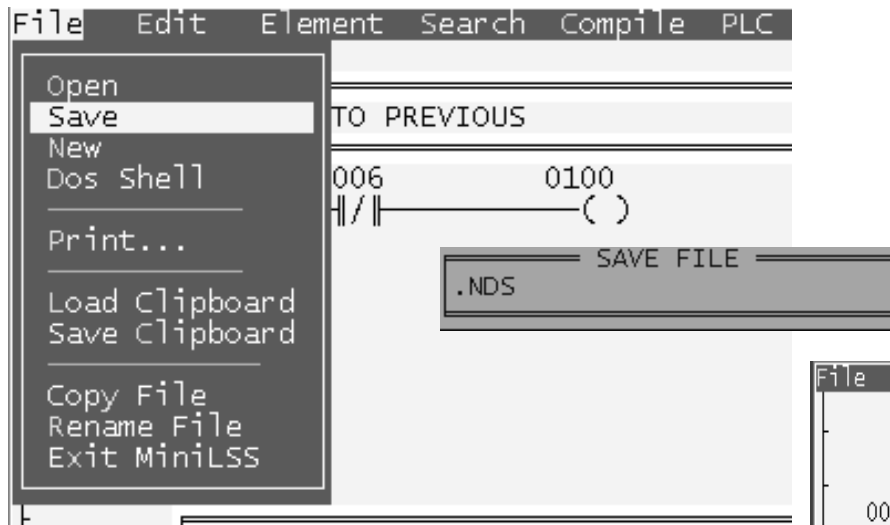
2 Press Enter

3 Enter New Preset including "#"

4 Press Enter

* Note: Remember to Compile and Download if On-Line





	Save a Program File
1	Press Alt + F or Select File Menu
2	Press "S" or Select Save
3	Press "Enter"
4	Enter Filename to Save
5	Press "Enter"
*	File will be saved to .NDS