

TP01 Automatisme Industriels (CONFIGURATION PROJET S7 300)

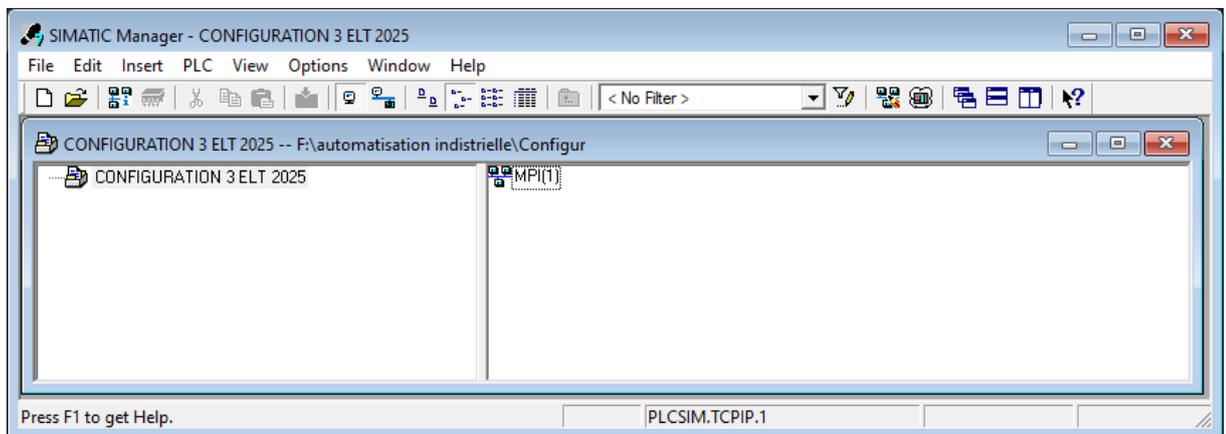
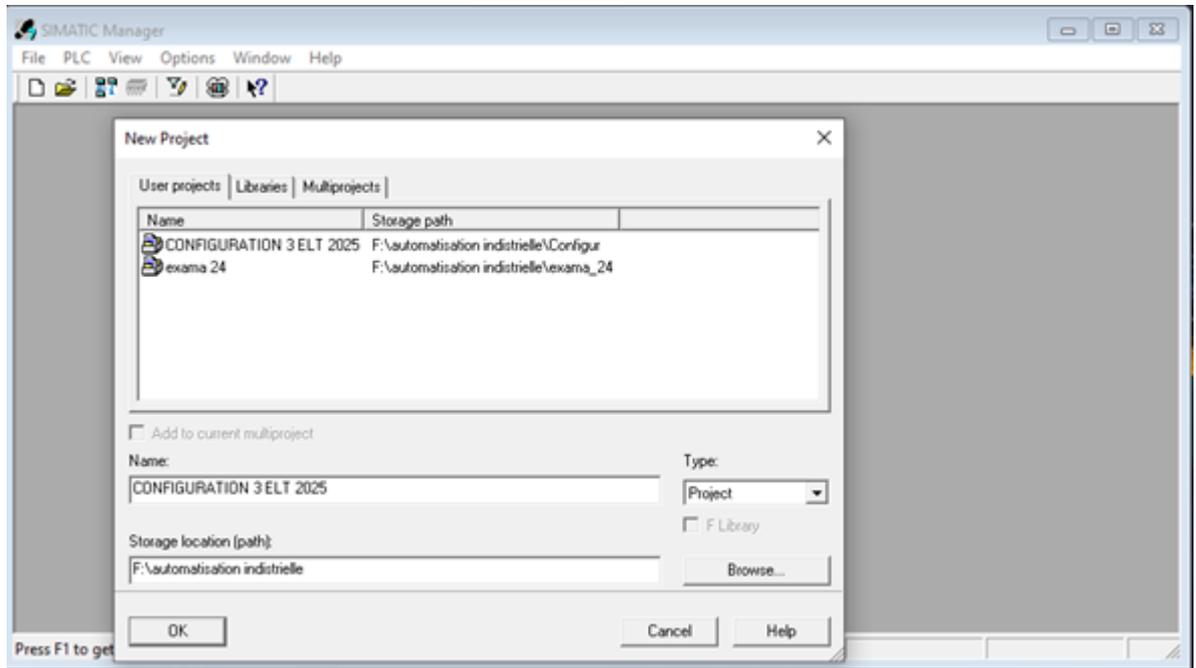
But du TP :

1. Réaliser la configuration matérielle dans HW Config.

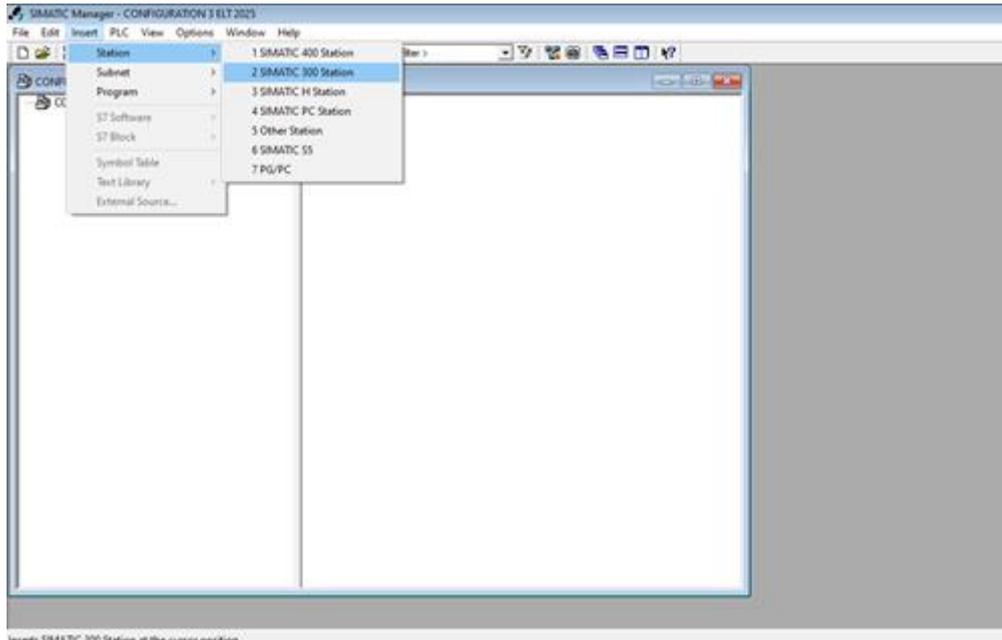
Manipulations :

I - Etape à suivre pour la configuration matérielle.

- 1- Ouvrir SIMATIC Manager et créer un nouveau projet sous le nom configuration ELT3. Cliqué deux fois sur l'icone

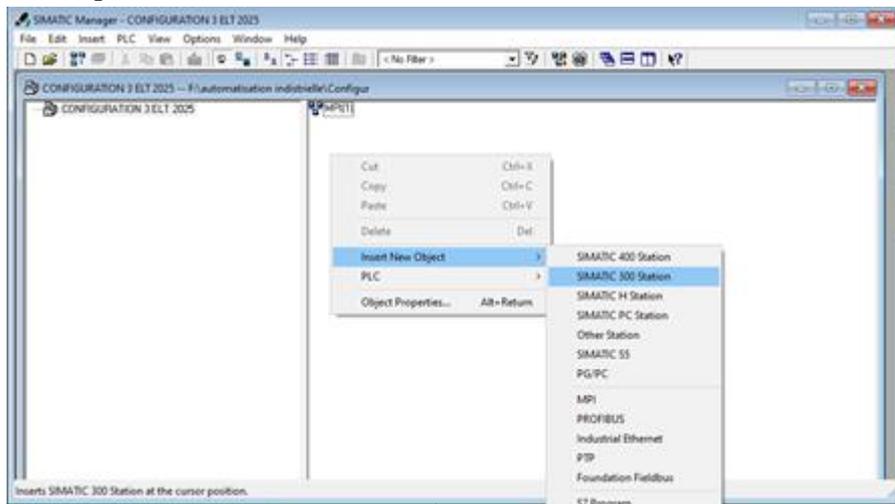


2- Insérer une nouvelle Station SIMATIC 300

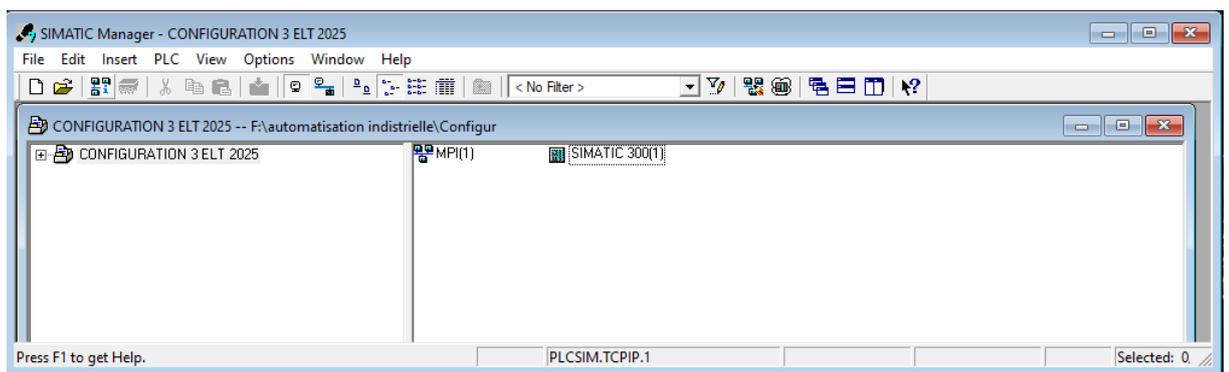


Inserts SIMATIC 300 Station at the cursor position.

Ou cliquer droite de souris



Inserts SIMATIC 300 Station at the cursor position.

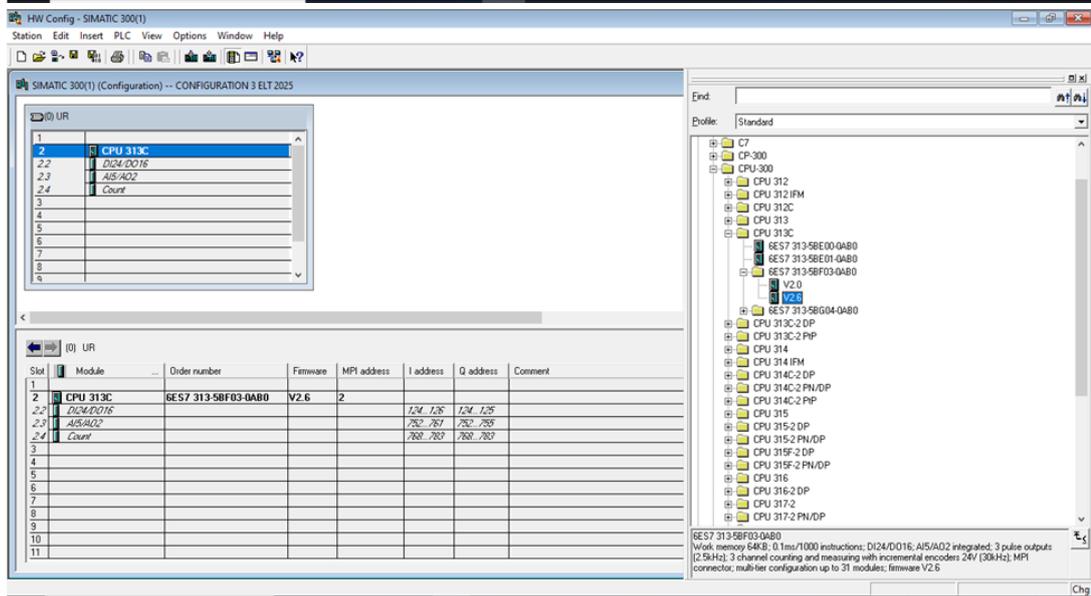
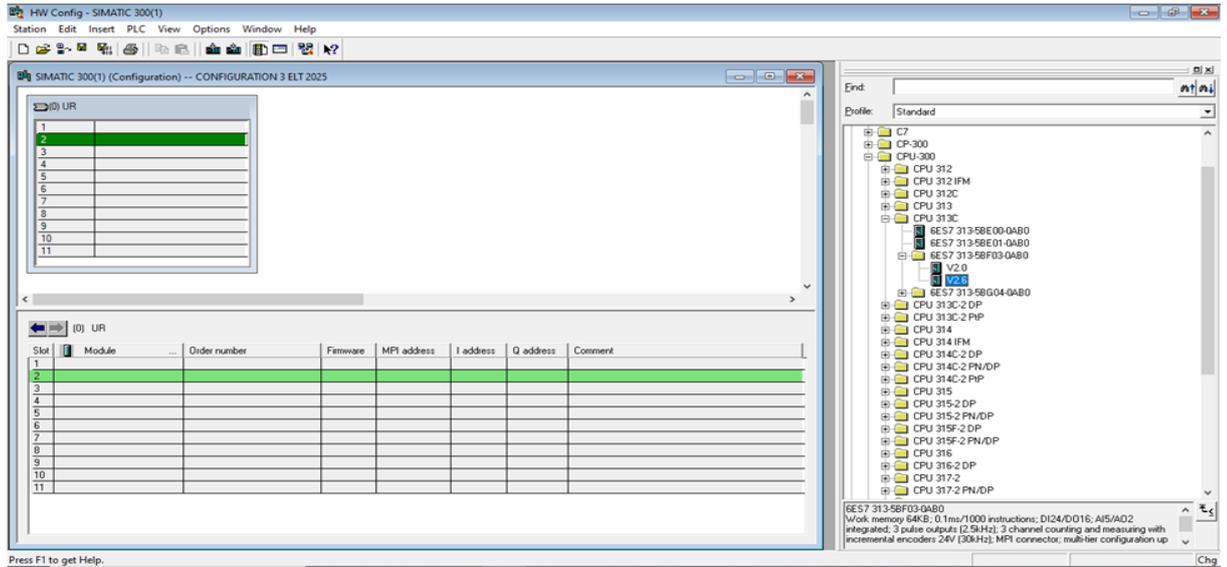


3- Développer la station SIMATIC 300

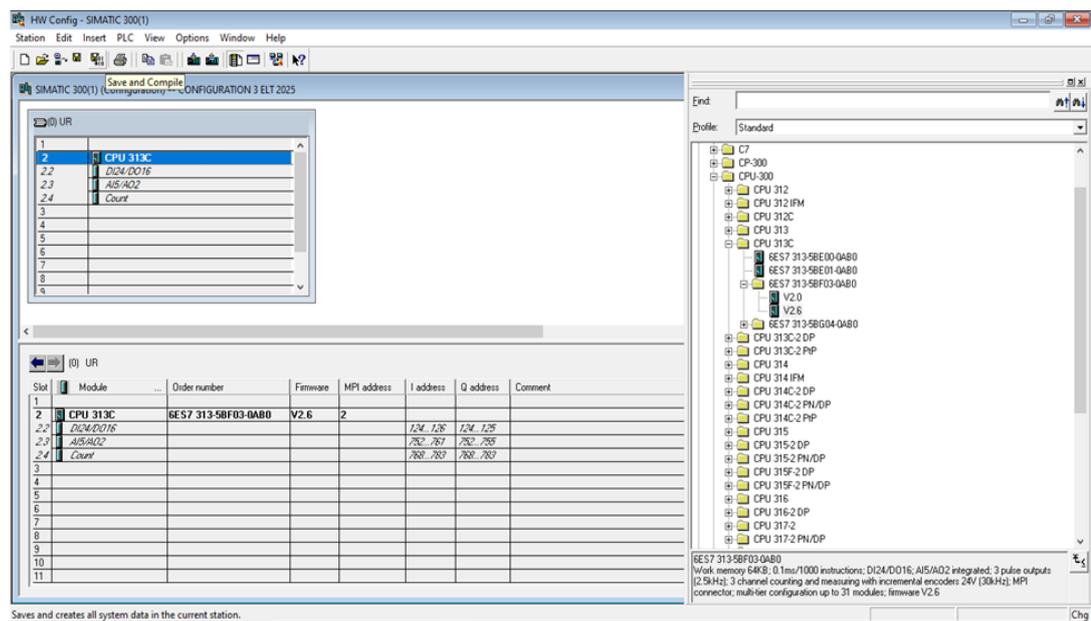
The screenshots illustrate the steps in SIMATIC Manager for configuring a SIMATIC 300 station:

- Project Structure:** The first screenshot shows the project tree in SIMATIC Manager. The path is `F:\automatisation industrielle\Configur`. The project is `CONFIGURATION 3 ELT 2025`. Underneath, there is a sub-project `SIMATIC 300(1)`.
- Hardware Configuration:** The second screenshot shows the `HW Config - SIMATIC 300(1)` window. The main area is empty, and the right-hand pane shows a tree view of available hardware components for the SIMATIC 300 series, including:
 - PROFIBUS DP
 - PROFIBUS PA
 - PROFINET IO
 - SIMATIC 300
 - C7
 - CP-300
 - CPU-300
 - FM-300
 - Gateway
 - IM-300
 - PS-300
 - RACK-300
 - Rail
 - SM-300
 - SIMATIC 400
 - SIMATIC PC Based Control 300/400
 - SIMATIC PC Station
- Slot Configuration:** The third screenshot shows the `HW Config - SIMATIC 300(1)` window with a table for configuring the hardware slots. The table has columns for Slot, Module, Order number, Firmware, MPI address, I address, Q address, and Comment. The slot numbers 1 through 11 are listed in the first column, and the 'Module' column is currently empty.

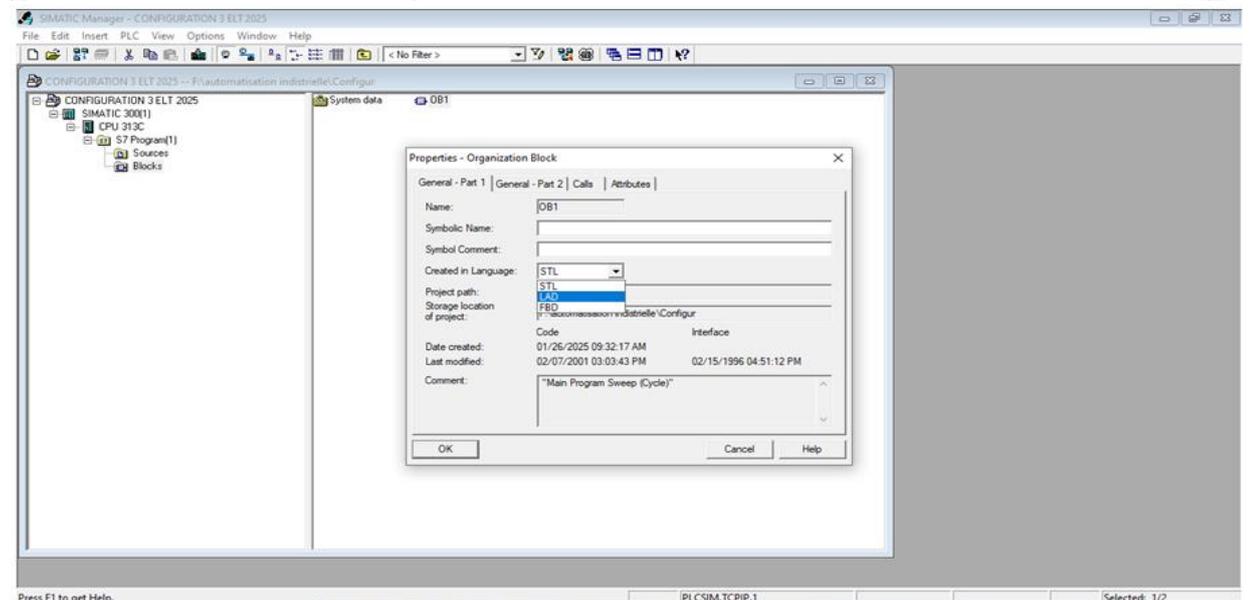
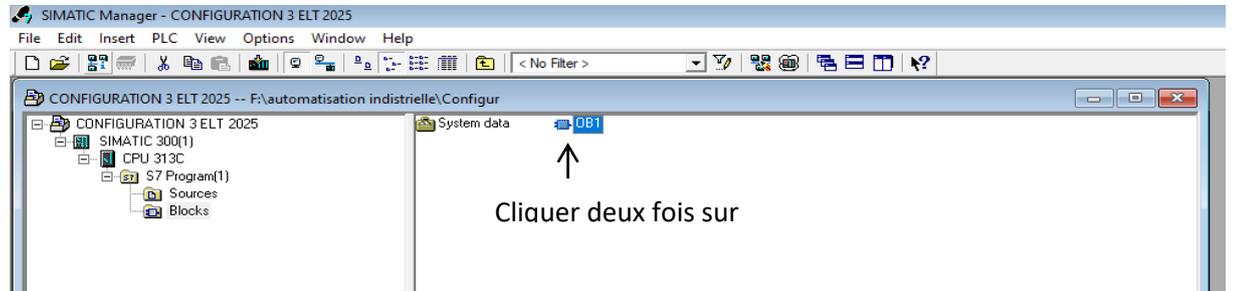
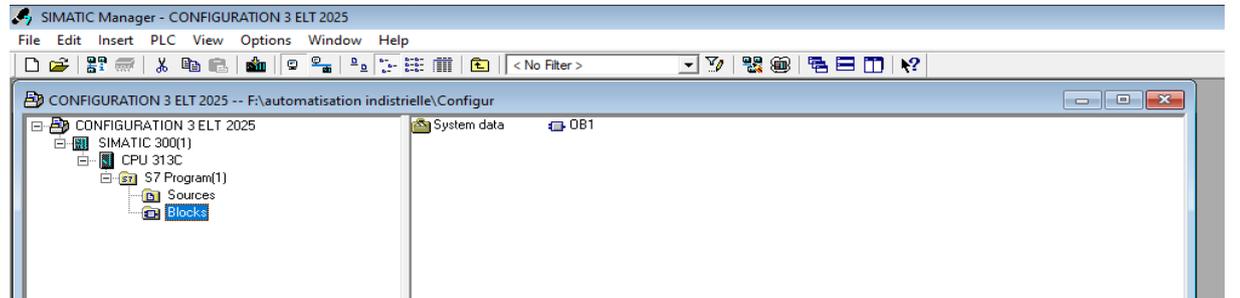
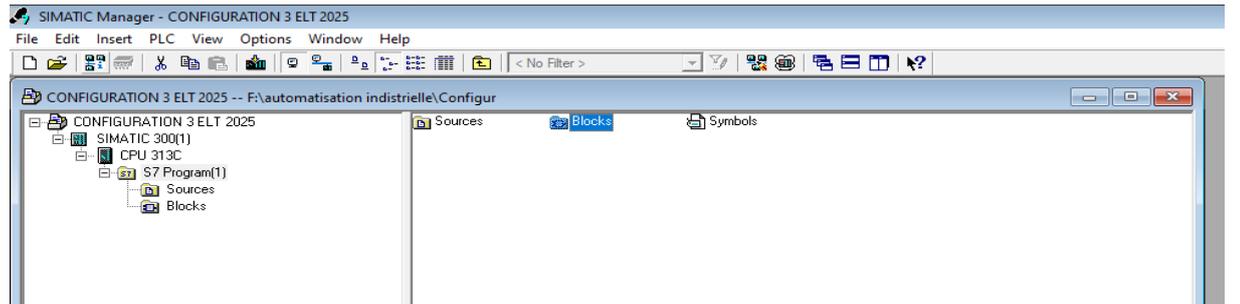
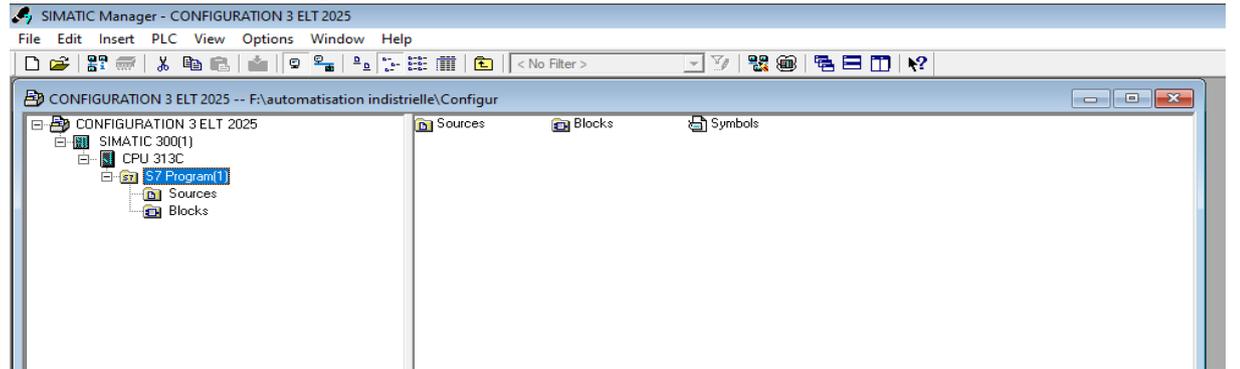
4- Sélectionner la CPU 313C (Unité de traitement centrale)

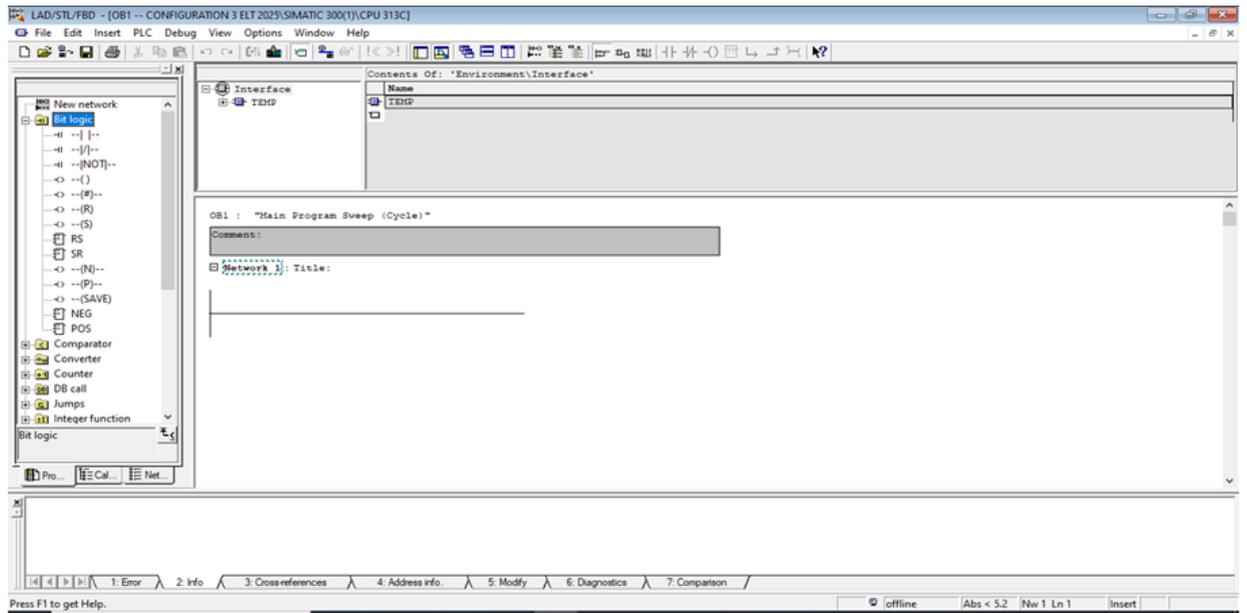


Compile le projet



Ouvrir SIMATIC Manager





5- Une fois terminé la configuration, enregistrer votre travail