Code and Compile
presents

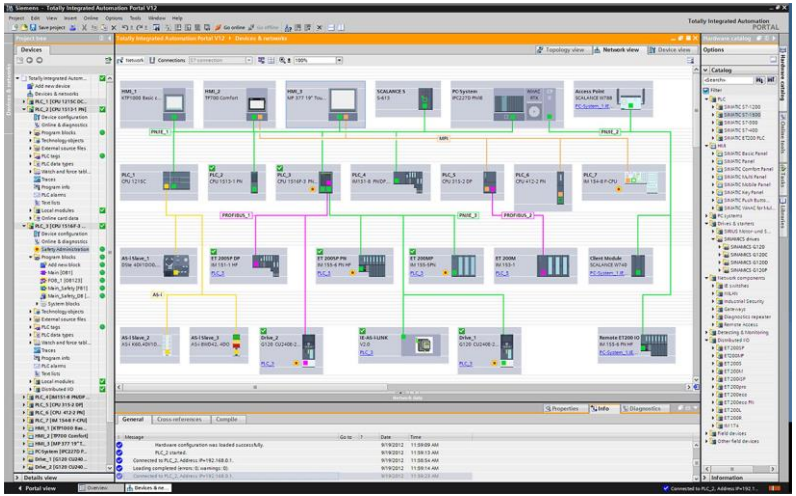
How to write
Scripts in HMI

Things required

Hardware used:

Siemens PLC
S7-1200

Software used:



Siemens TIA Portal
WinCC Advanced V15

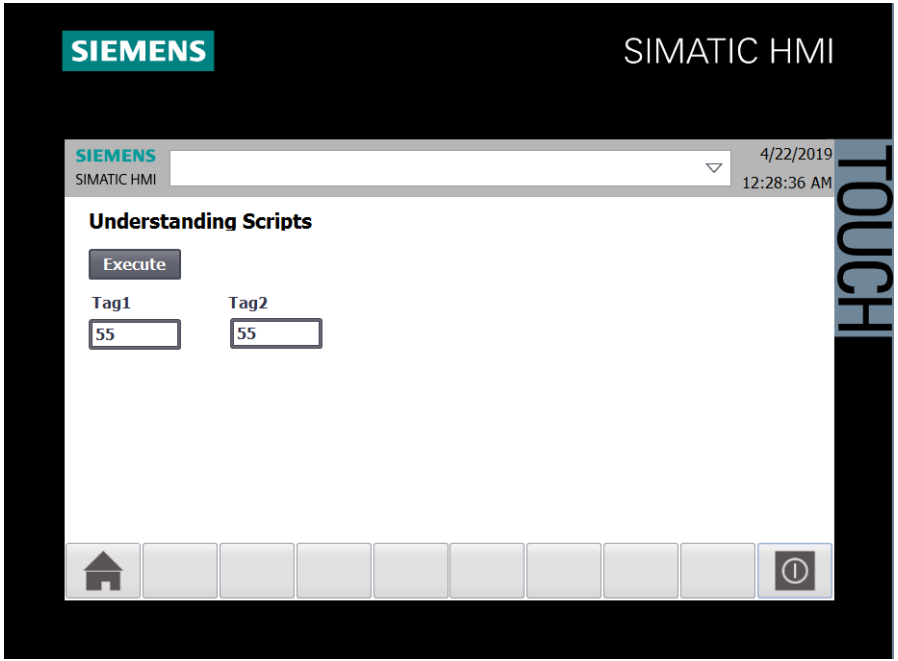
What we are going to learn in this section:

Tasks: Achieve the following using scripts in HMI

1. Moving/Copying the HMI internal tag via button
2. Perform basic arithematic operations
3. Reading the PLC tag using scripts in HMI and execute the script using PLC clock pulse
4. Box animation using script

What we are going to learn in this section:

Task 1: Moving/Copying the HMI internal tag via button or scheduler



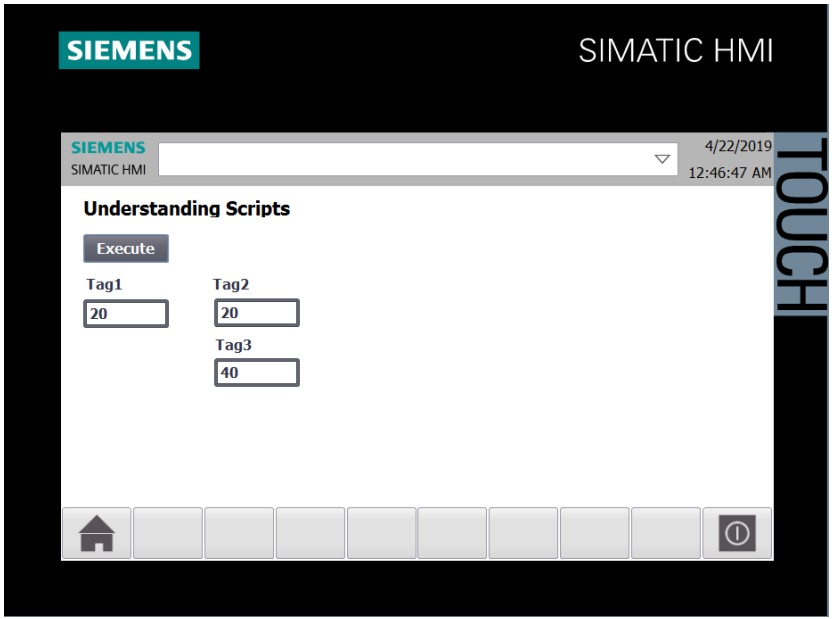
VB Script

1_V15 ▸ HMI_1 [TP700 Comfort] ▸ Scripts ▸ VB scripts ▸ VBFunction_1

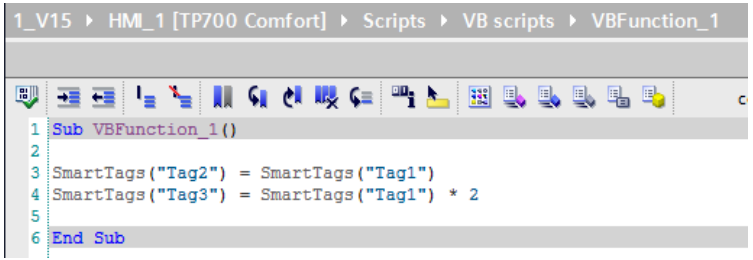
```
1  Sub VBFunction_1()
2
3  SmartTags("Tag2") = SmartTags("Tag1")
4
5
6  End Sub
```

What we are going to learn in this section:

Task 2: Perform basic arithmetic operations

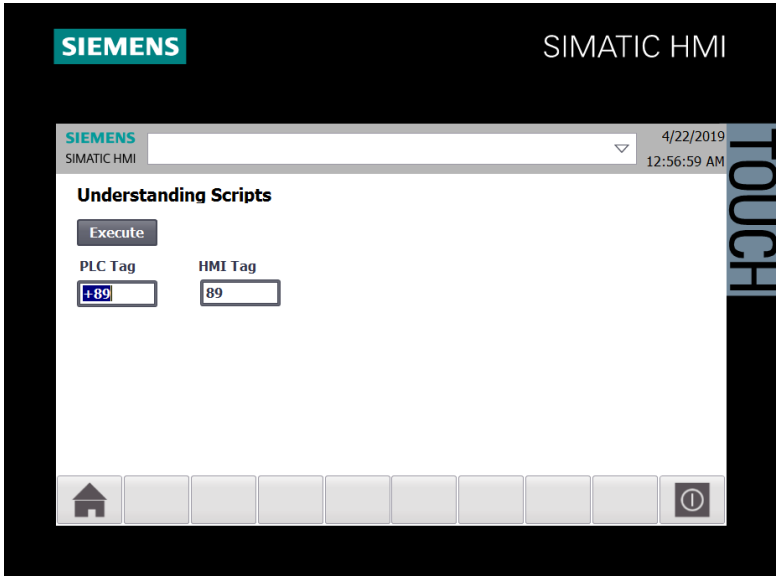


VB Script

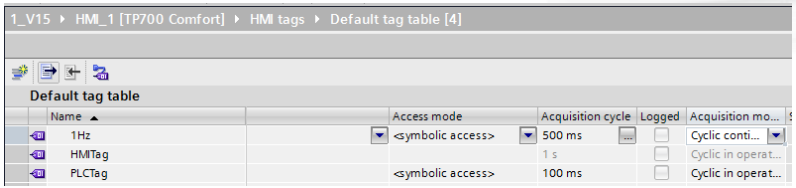


What we are going to learn in this section:

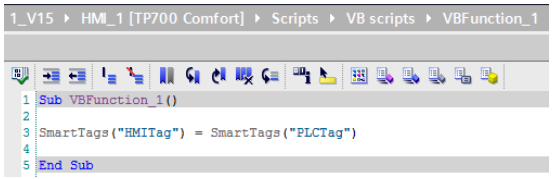
Task 3: Reading the PLC tag using scripts in HMI and execute the script using PLC clock pulse



HMI Tags

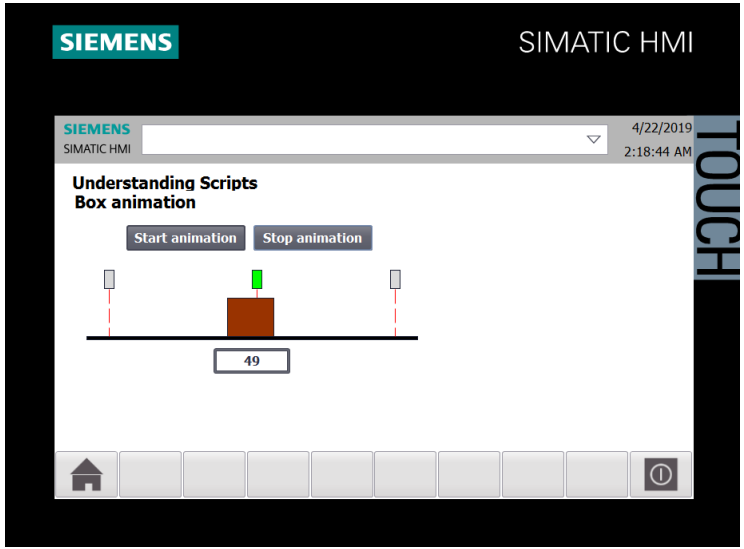


VB Script

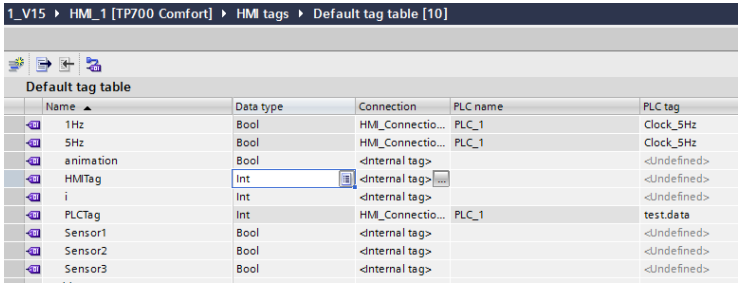


What we are going to learn in this section:

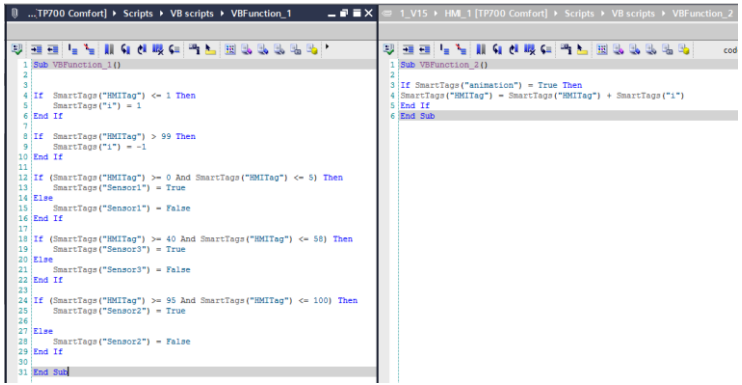
Task 4: Box animation using script

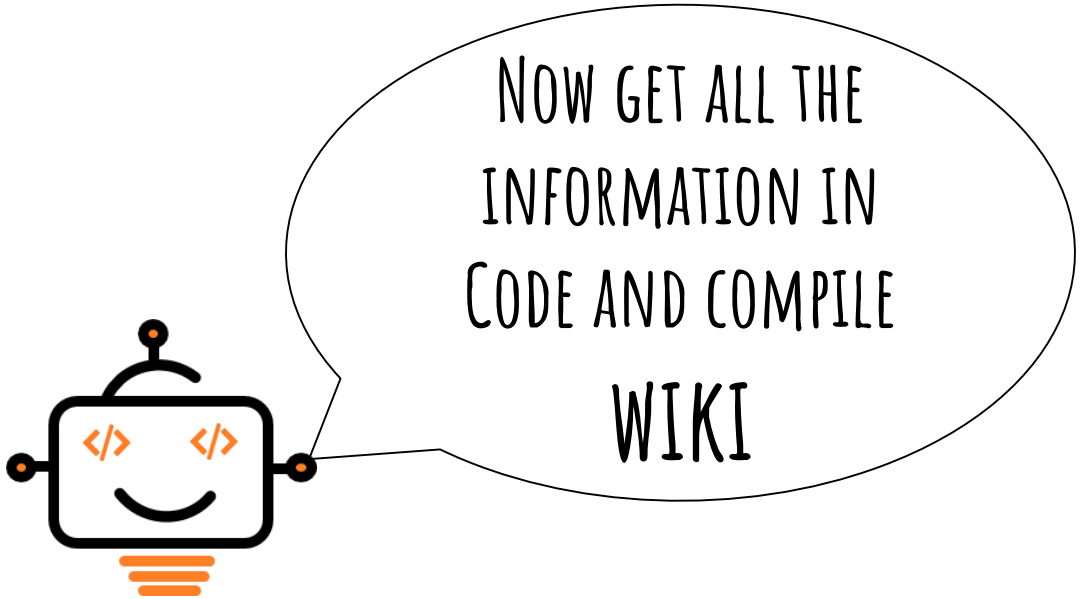


HMI Tags



VB Script 1 and 2





To get more information visit

https://www.codeandcompile.com

Link is also given in the video description