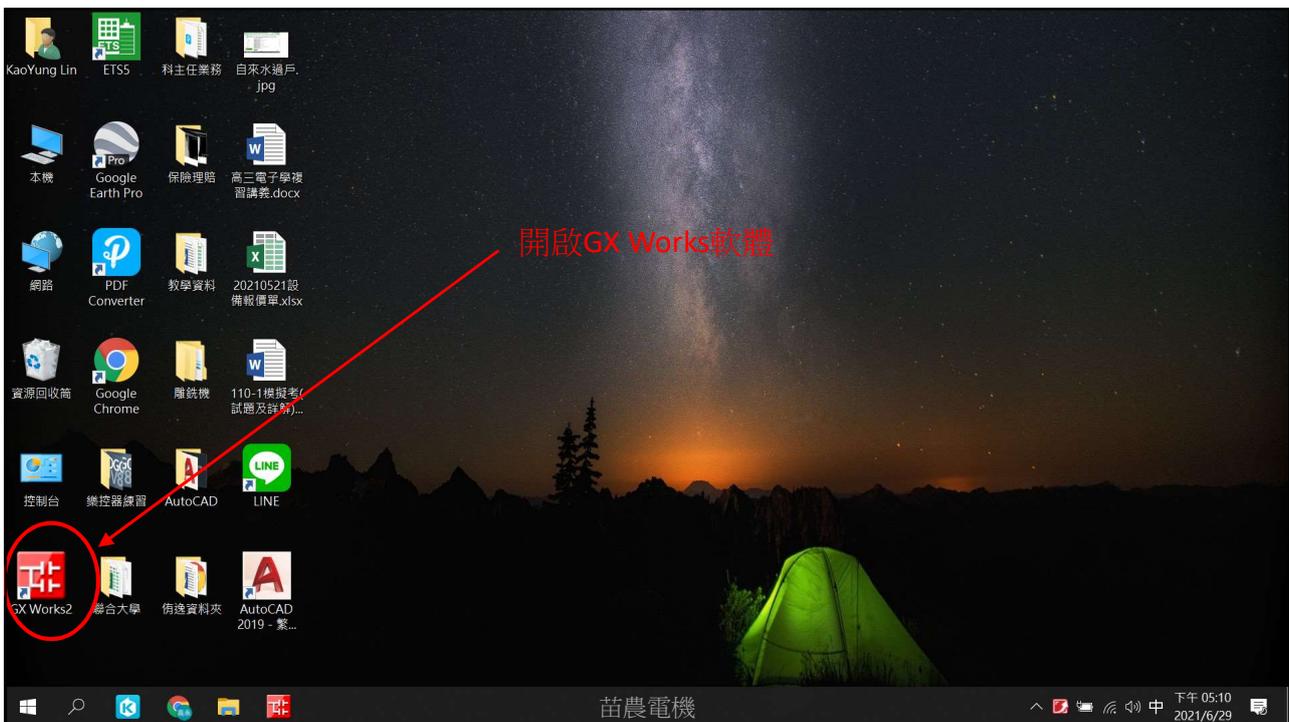
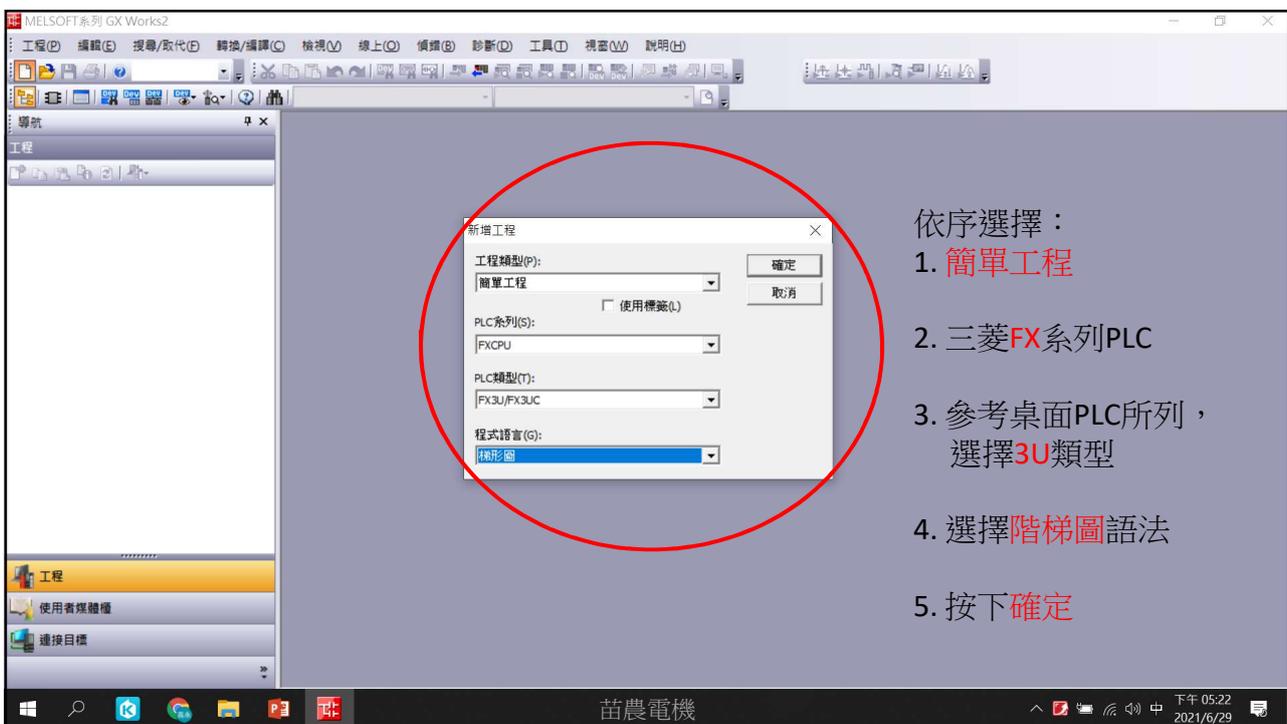
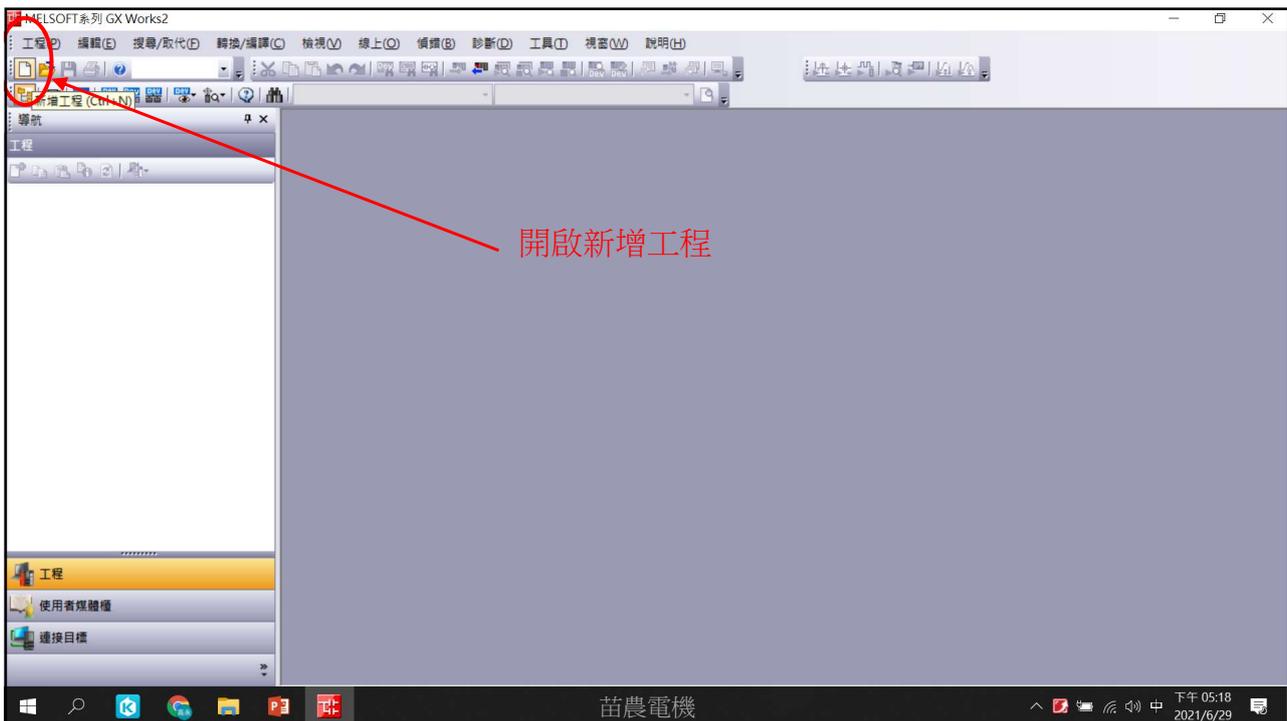
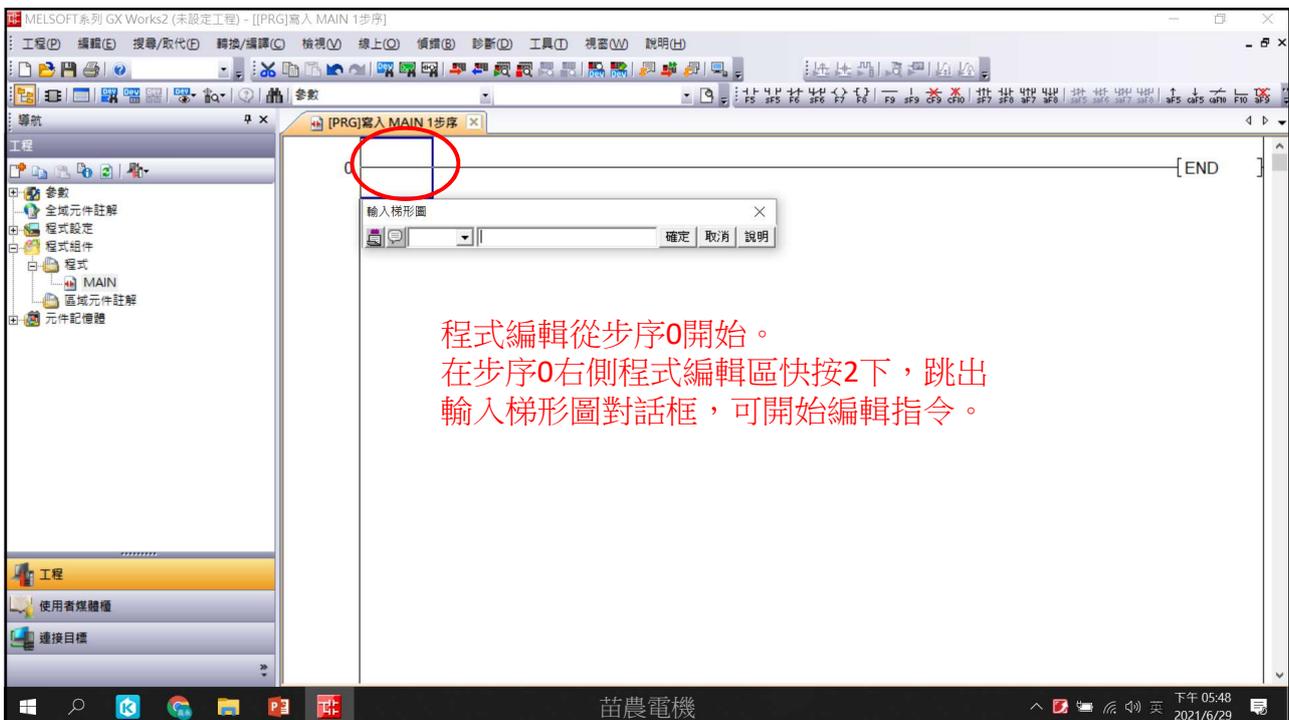
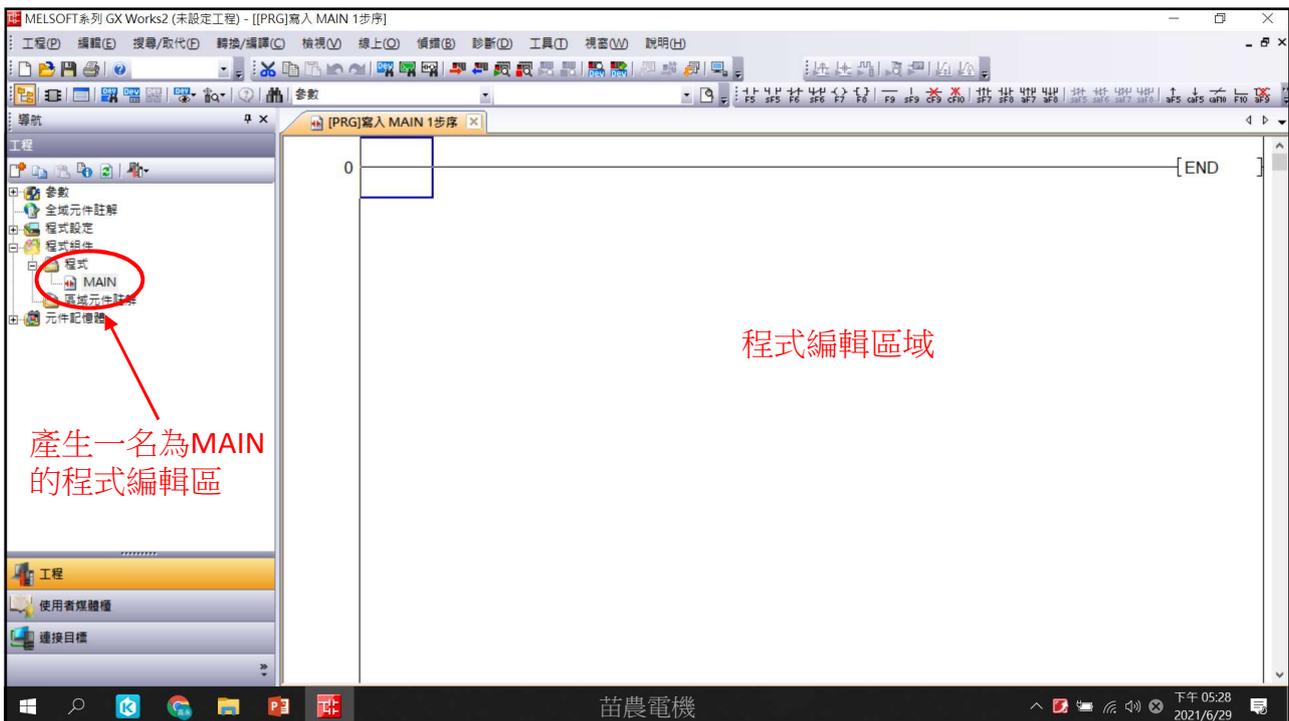


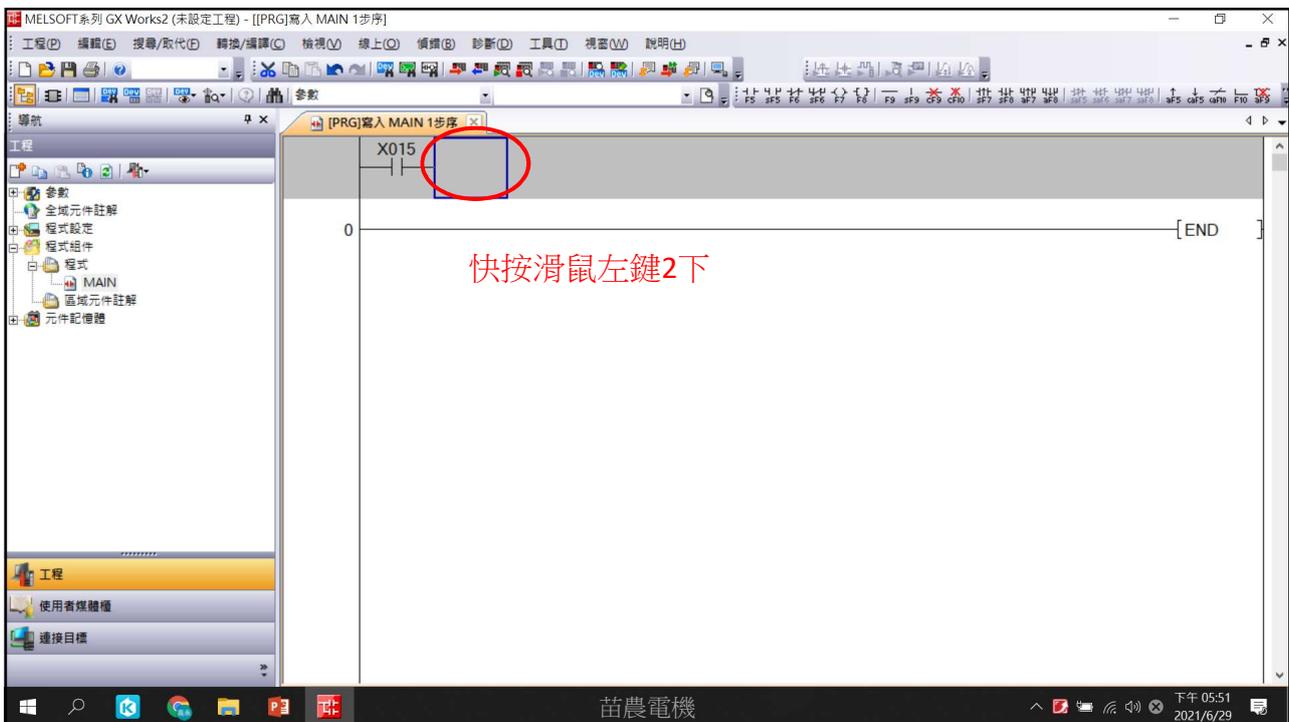
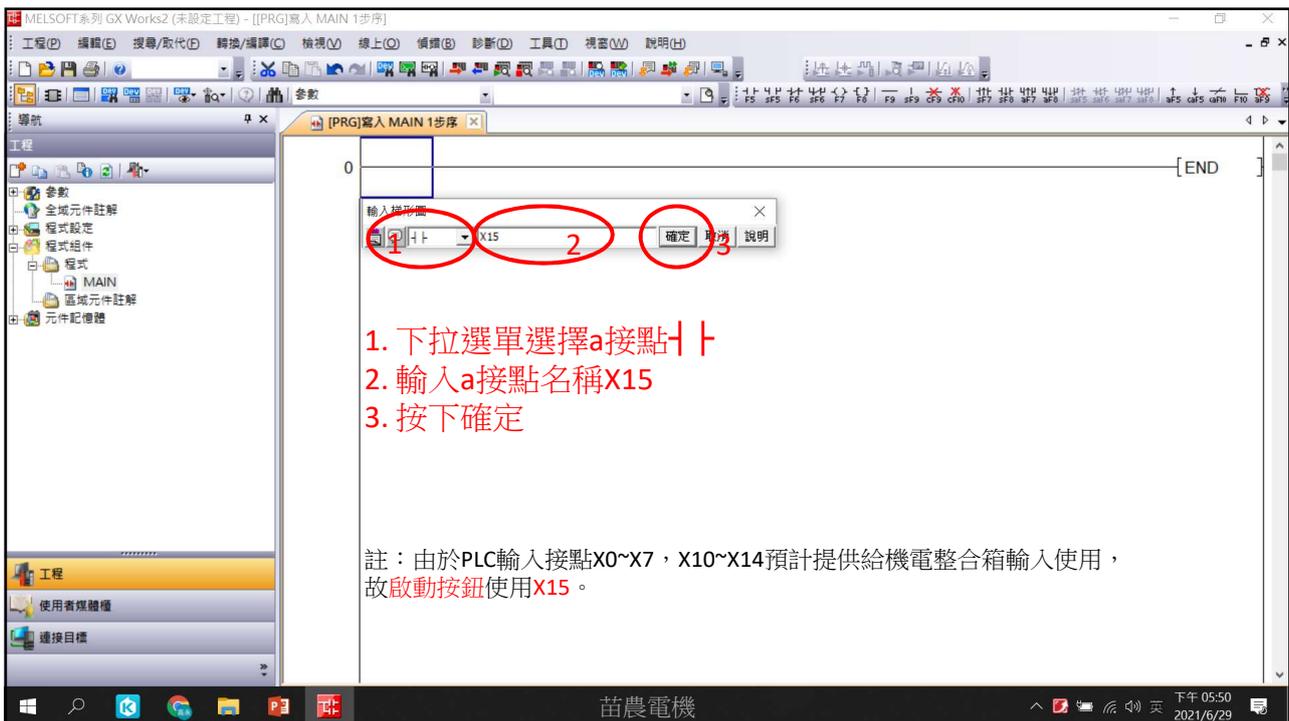
機電整合實習 GX Works 2操作說明

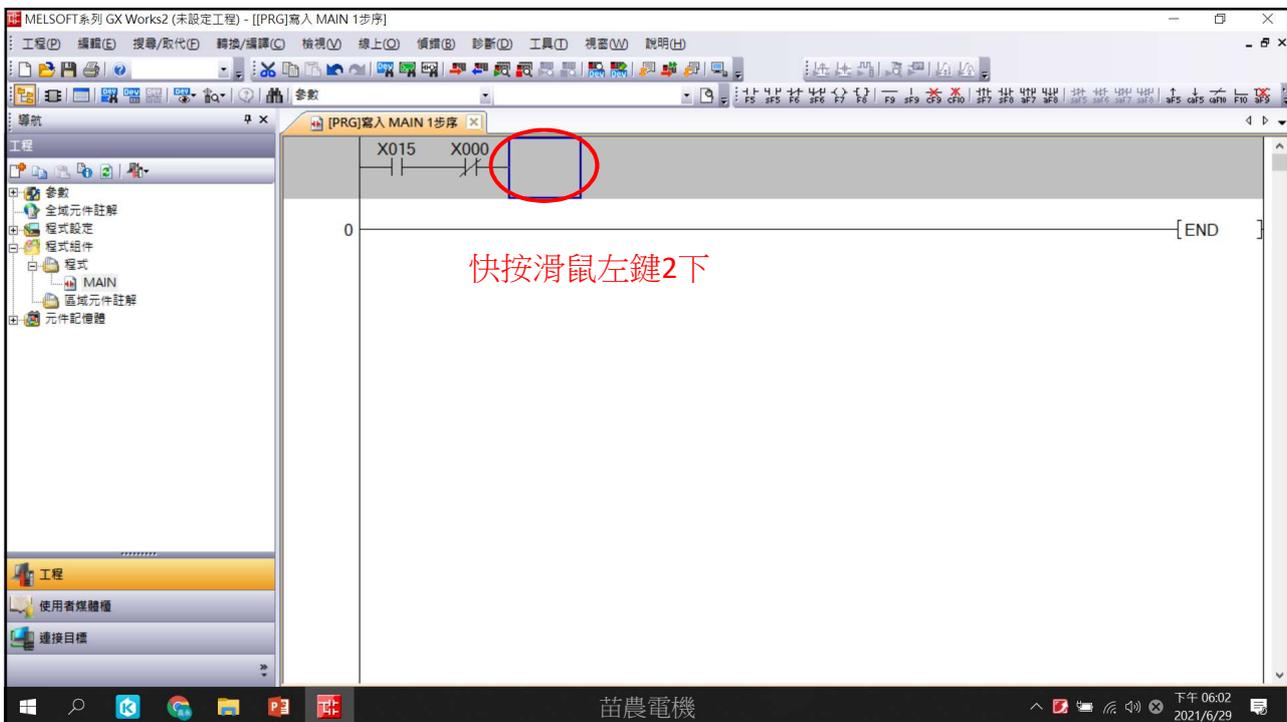
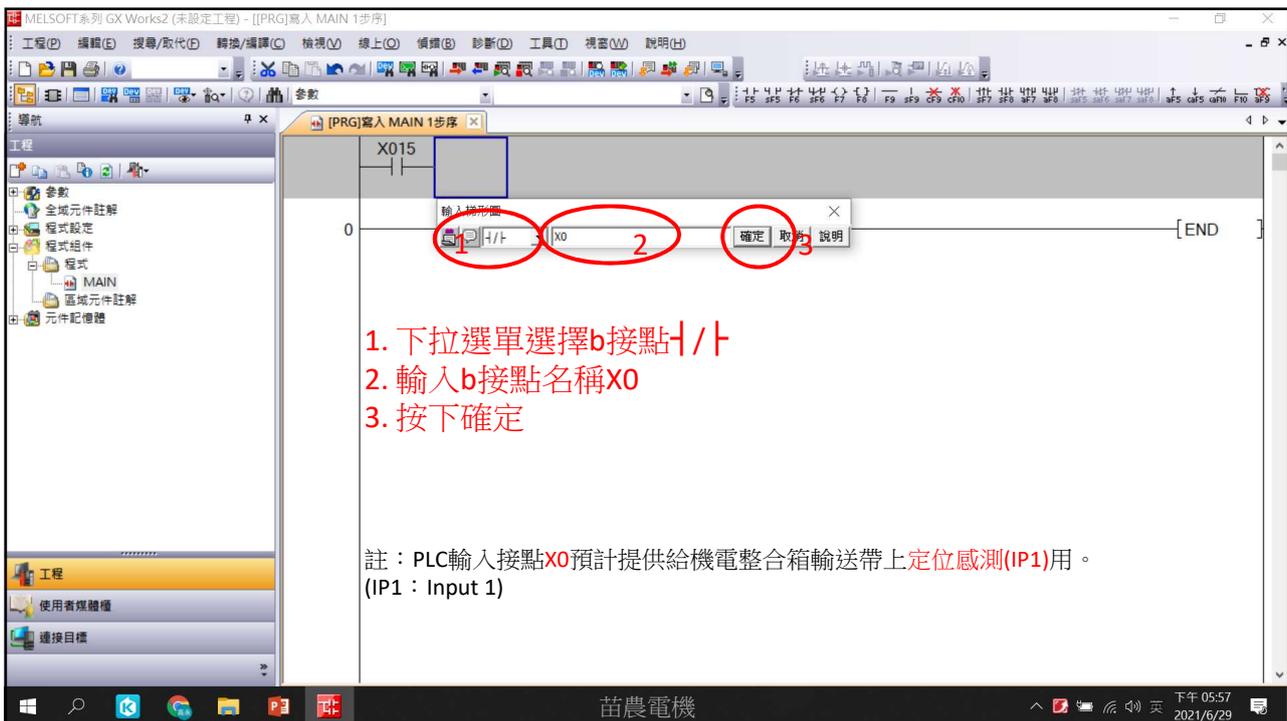
按下啟動，輸送帶寸動動作，當定位感測偵測到物件時，輸送帶停止動作。

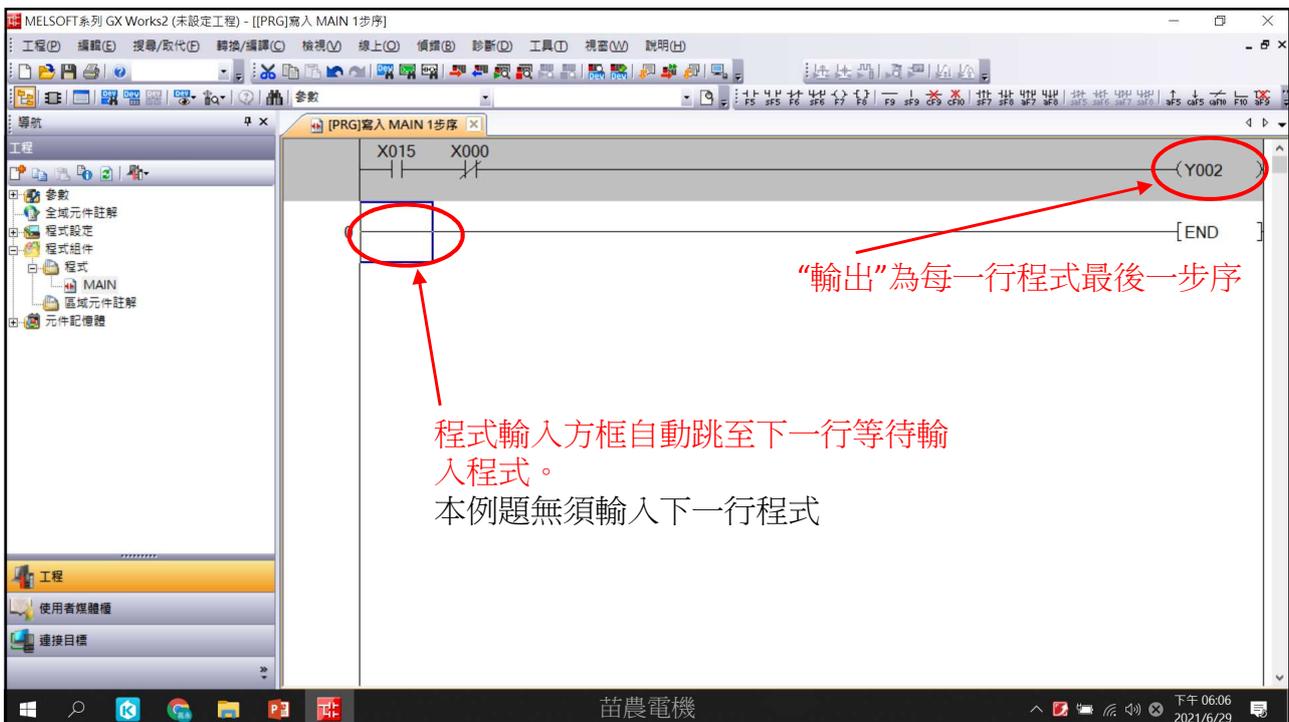
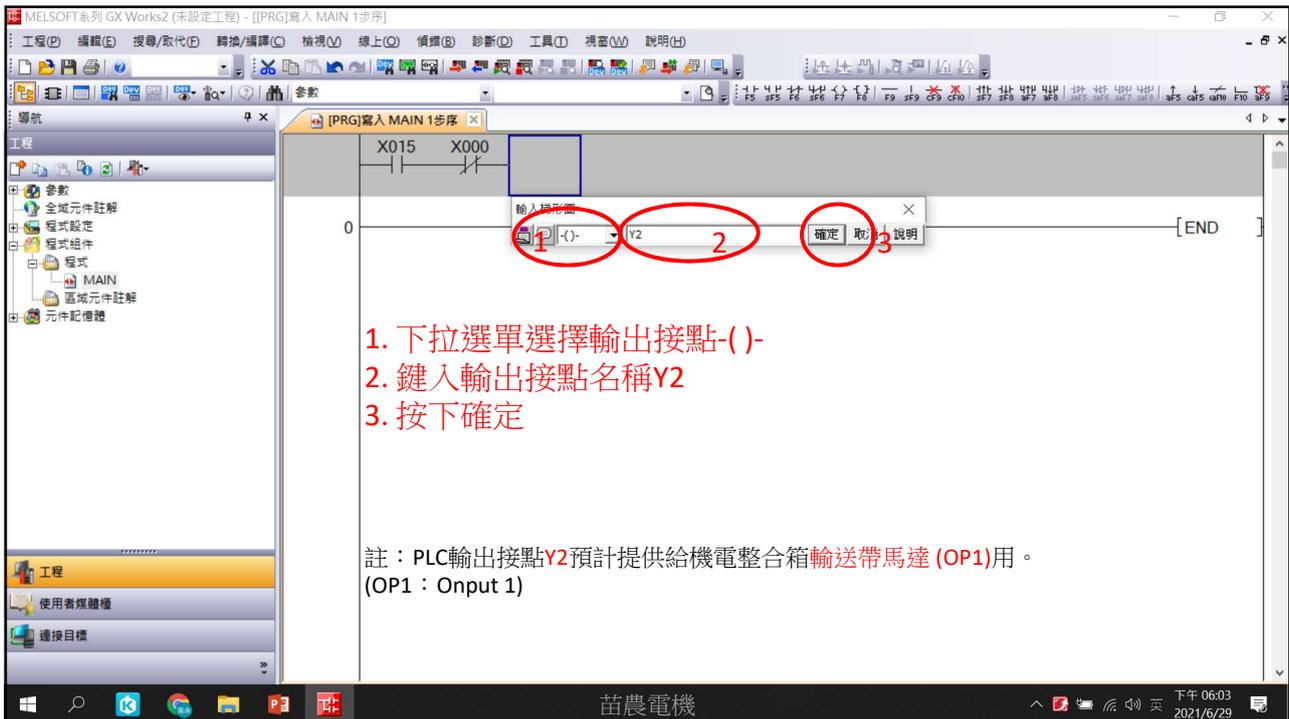


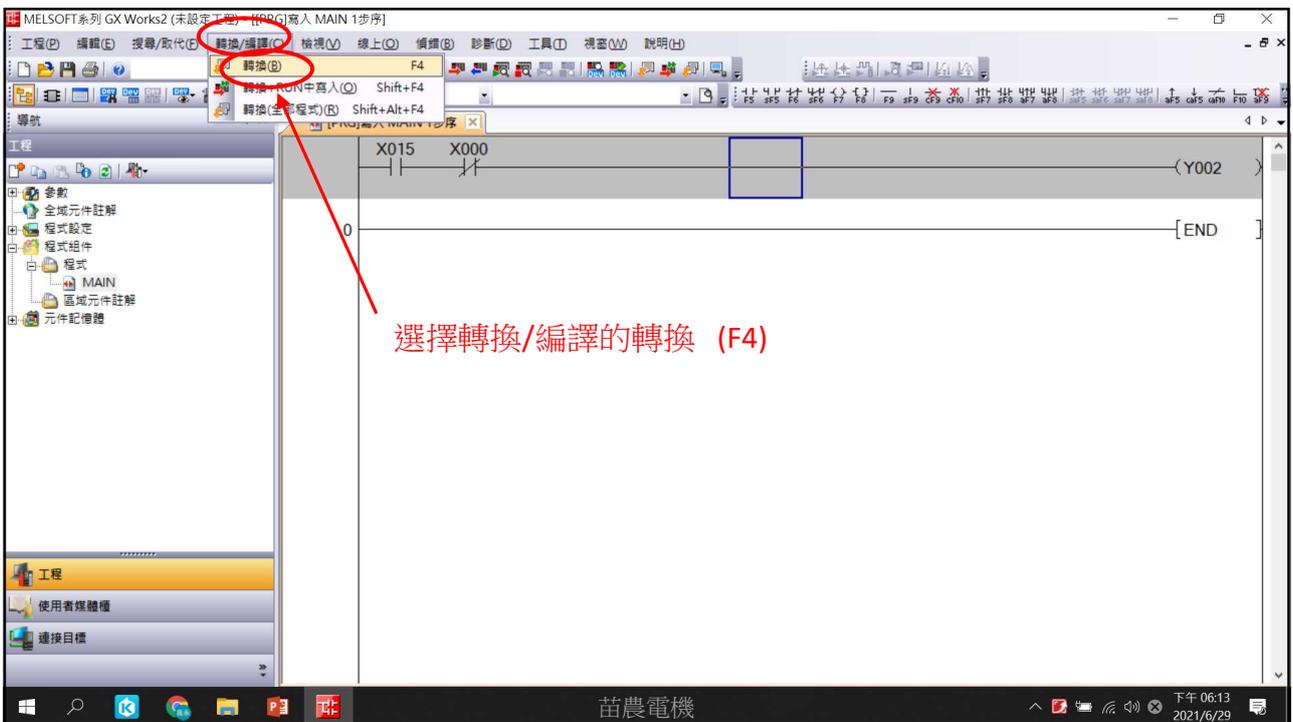
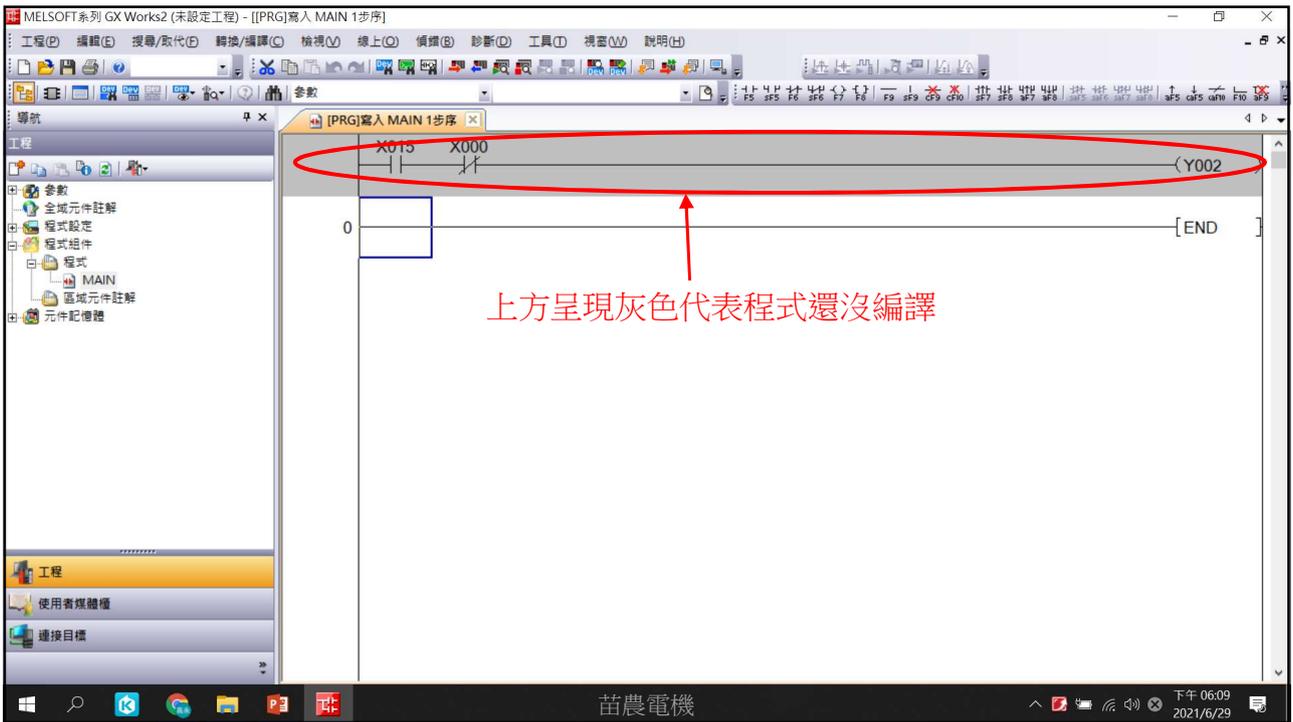


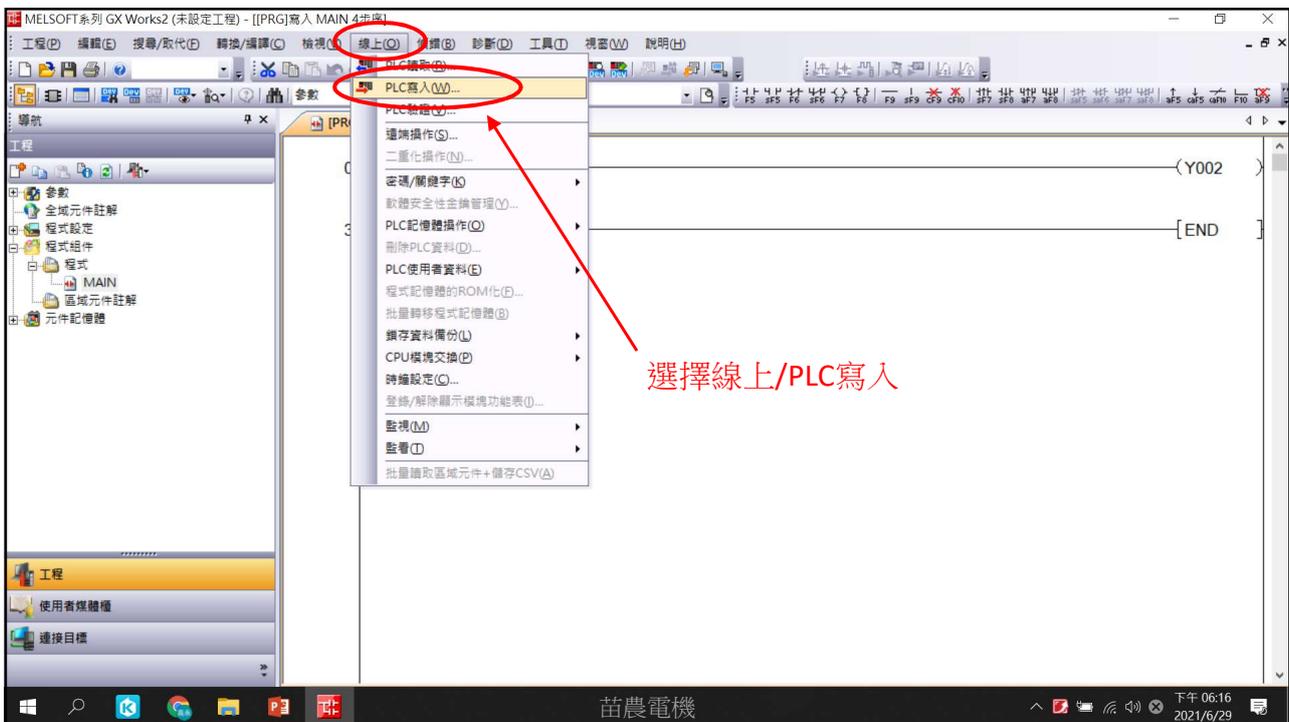
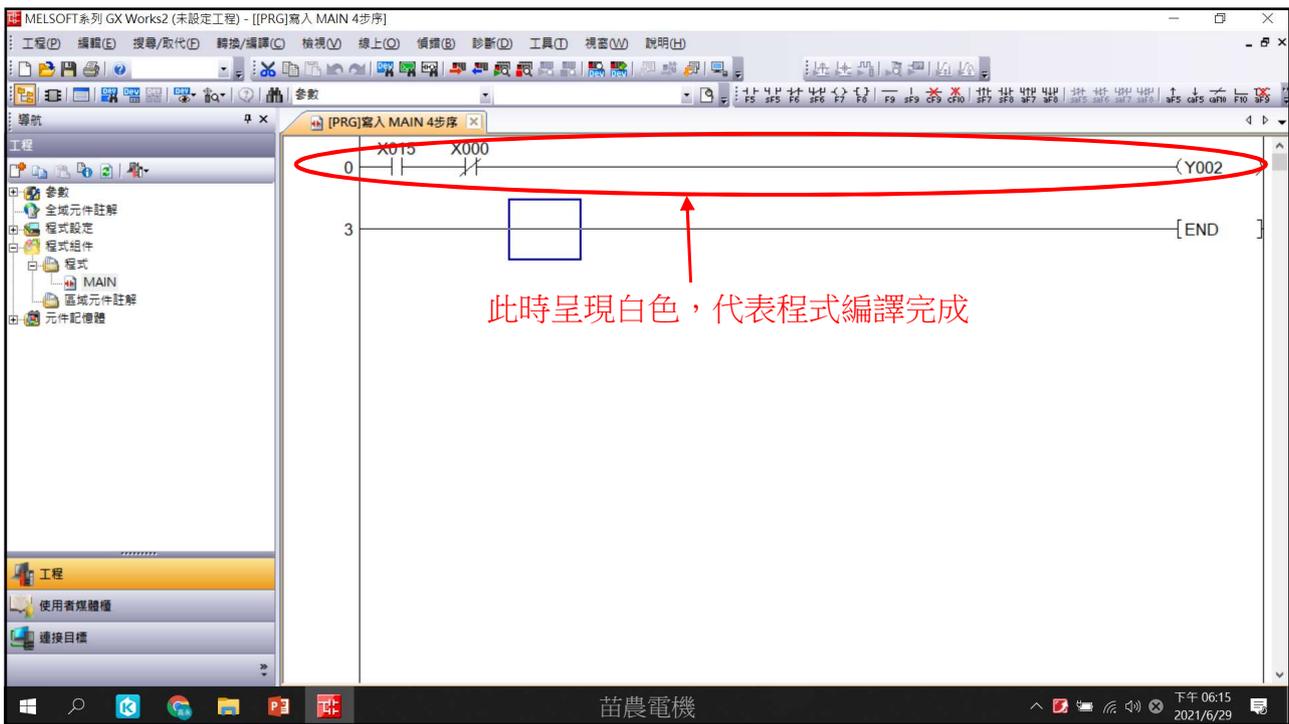


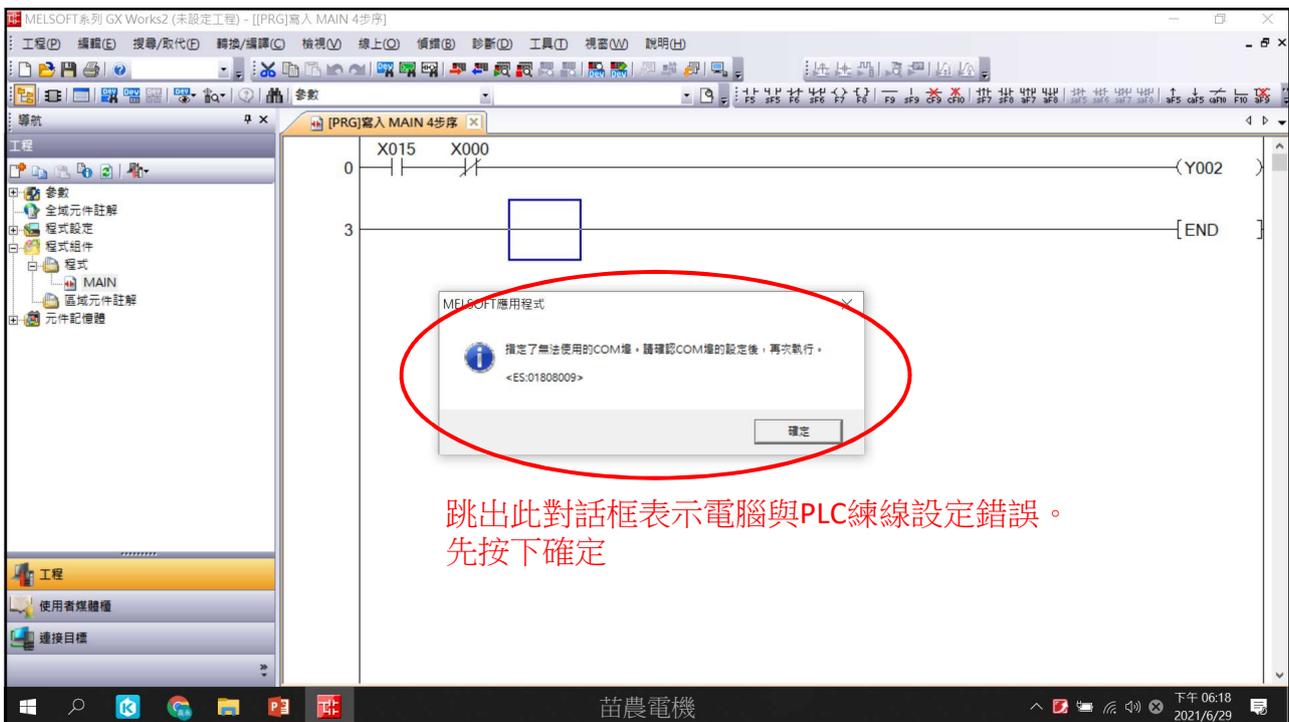
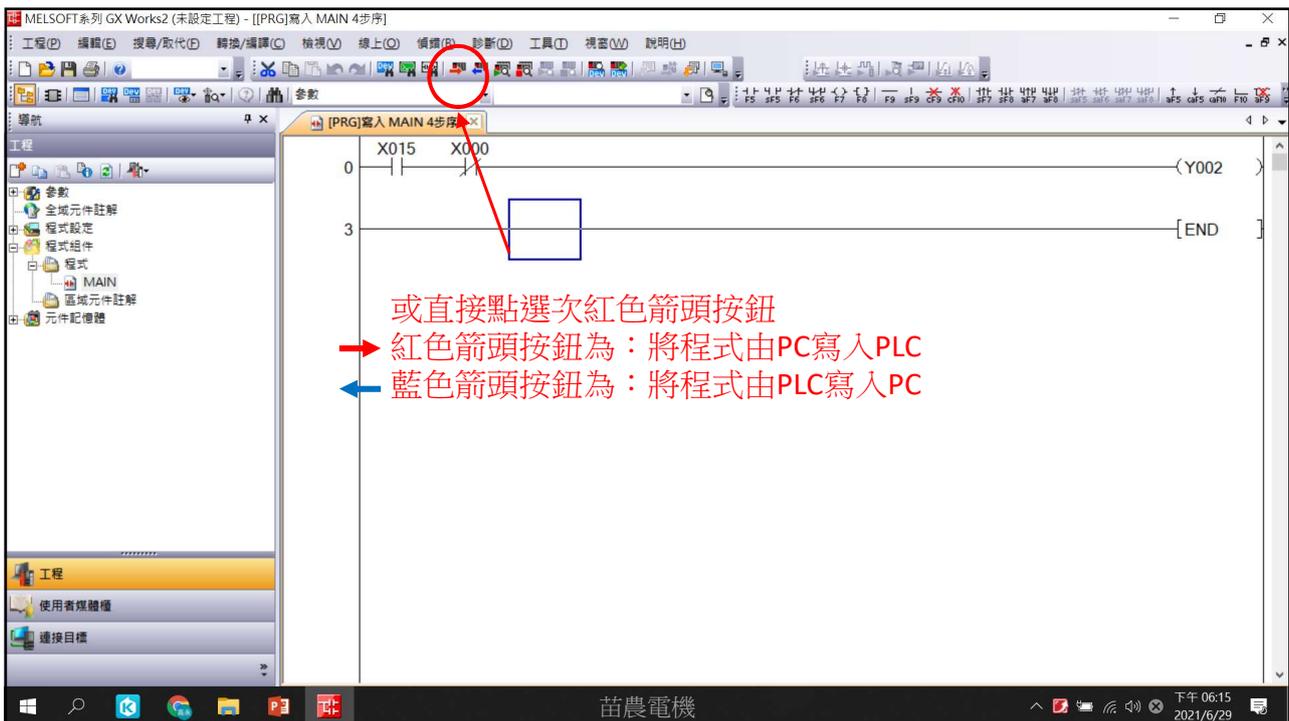


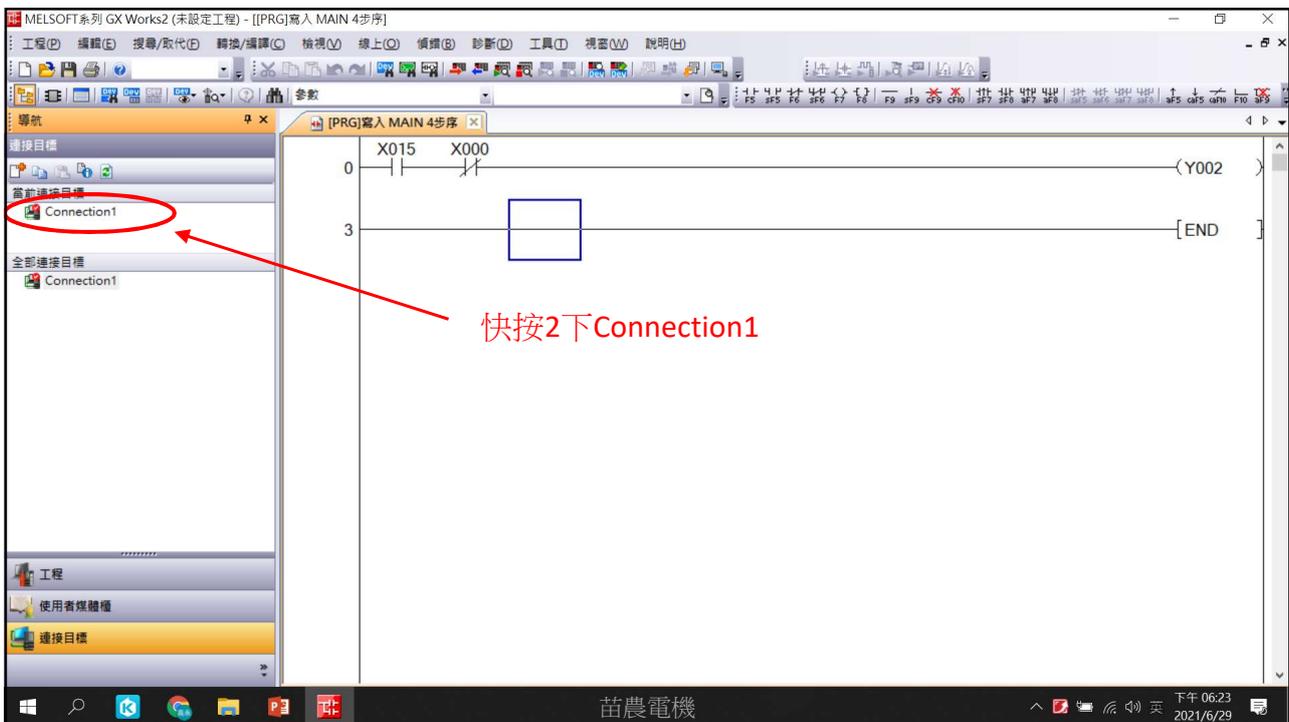
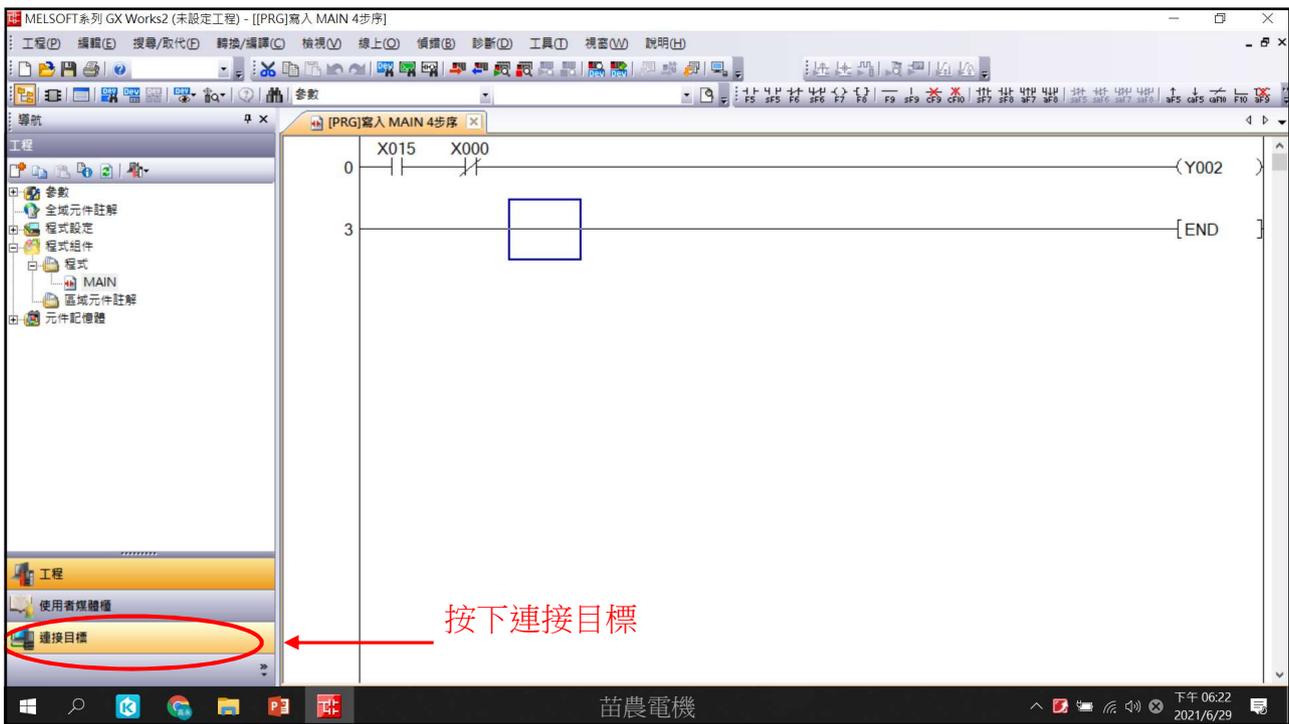


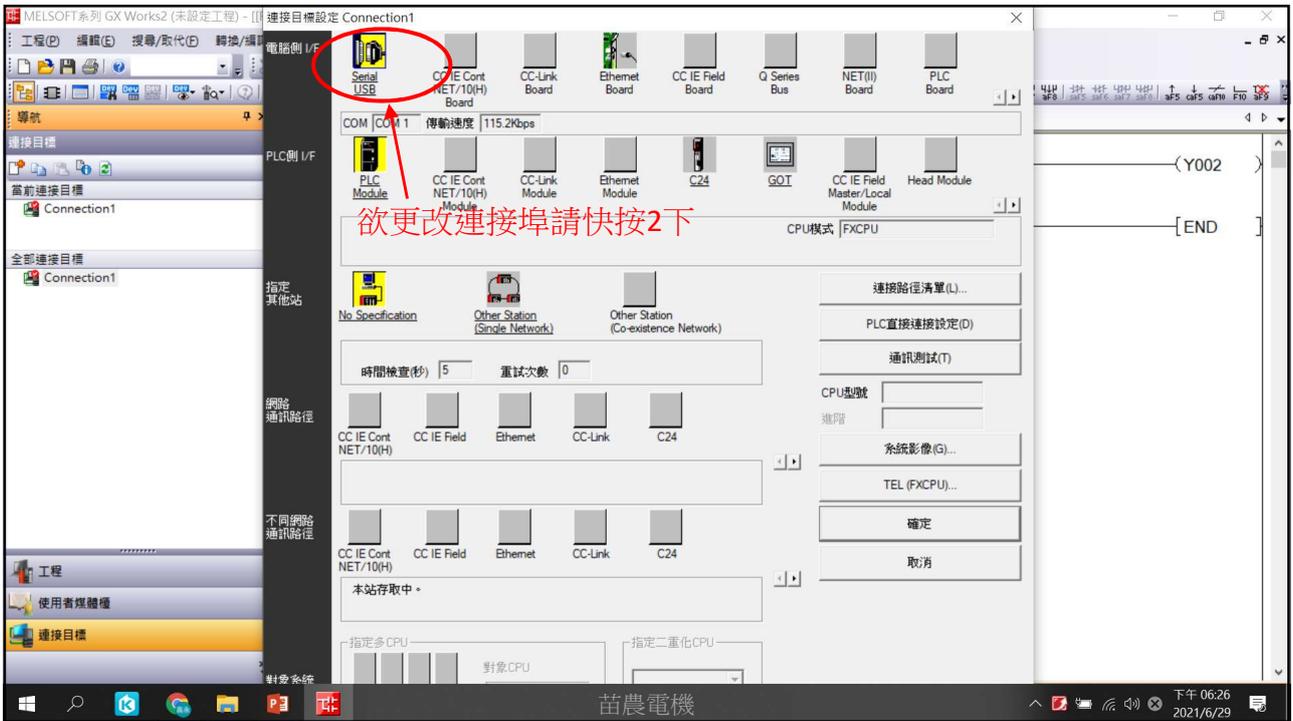
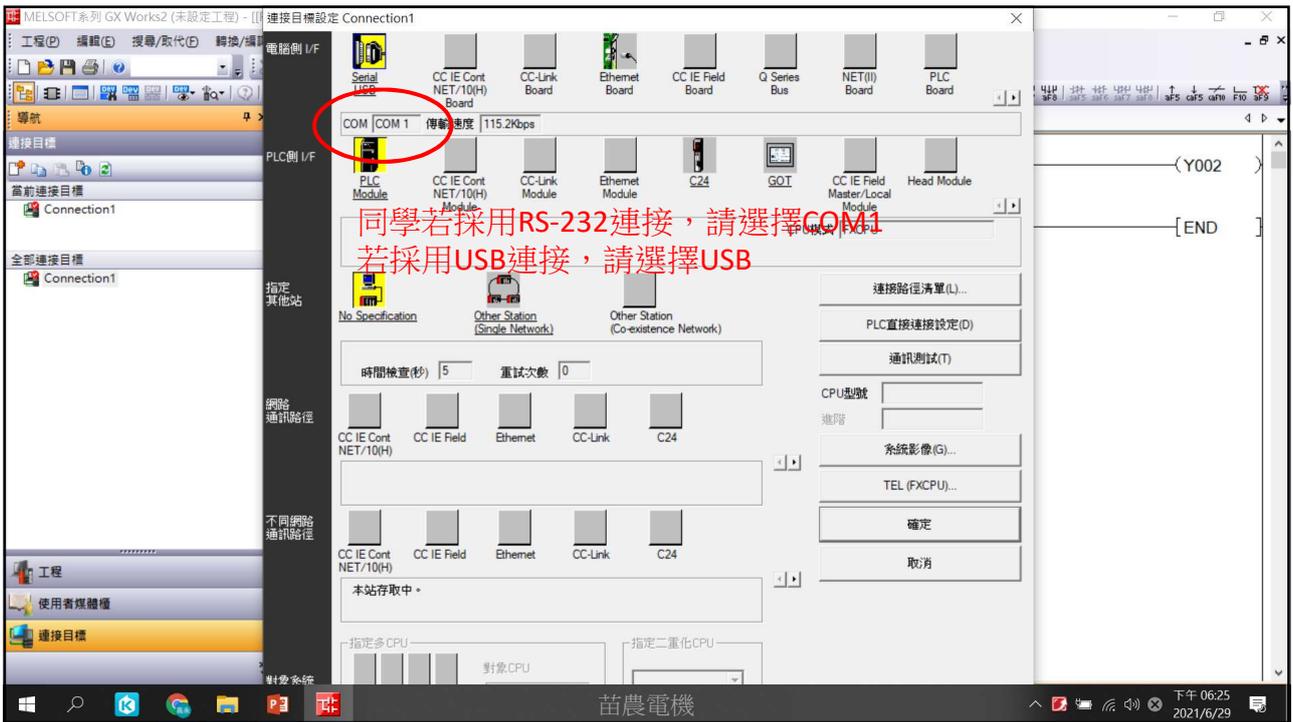


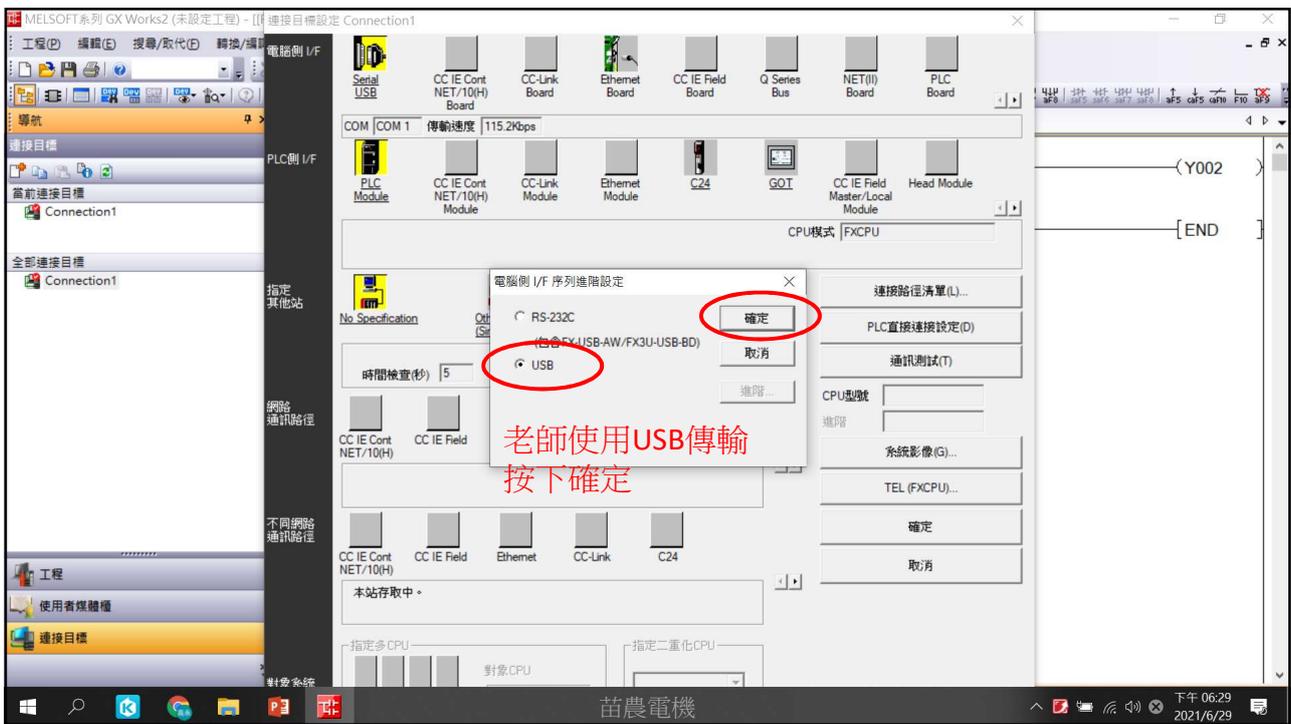
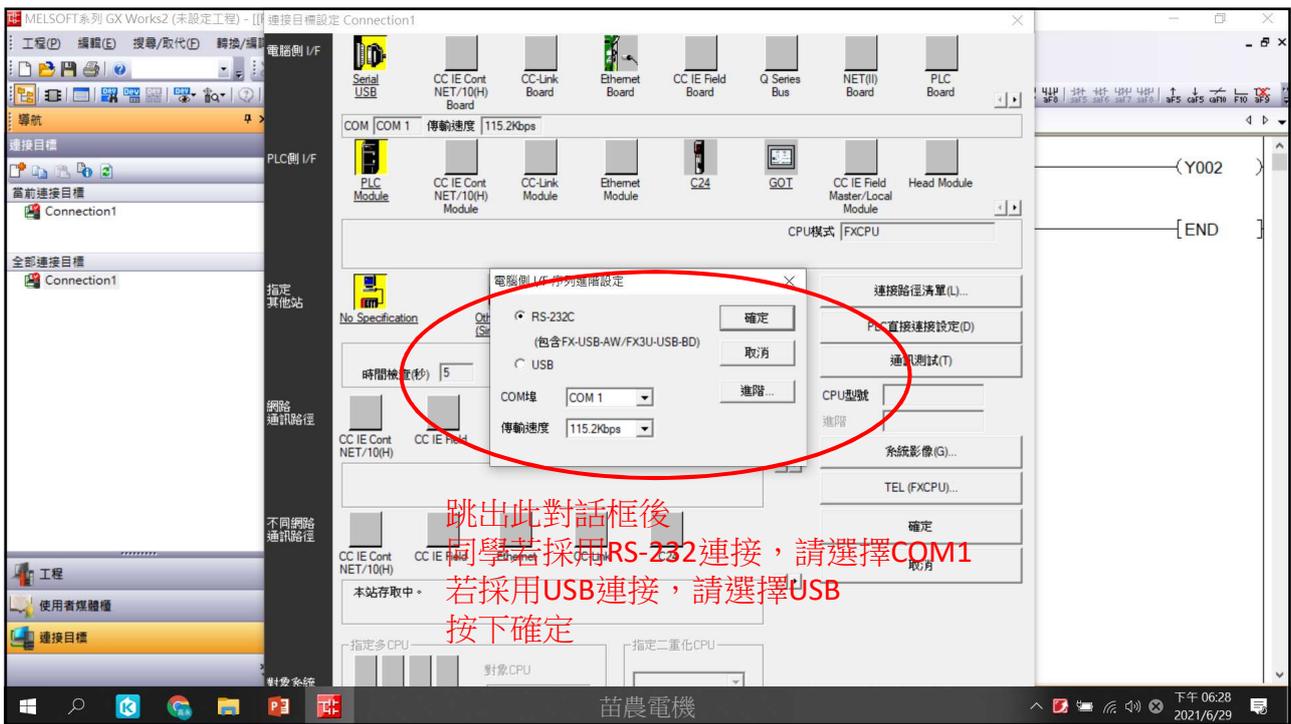


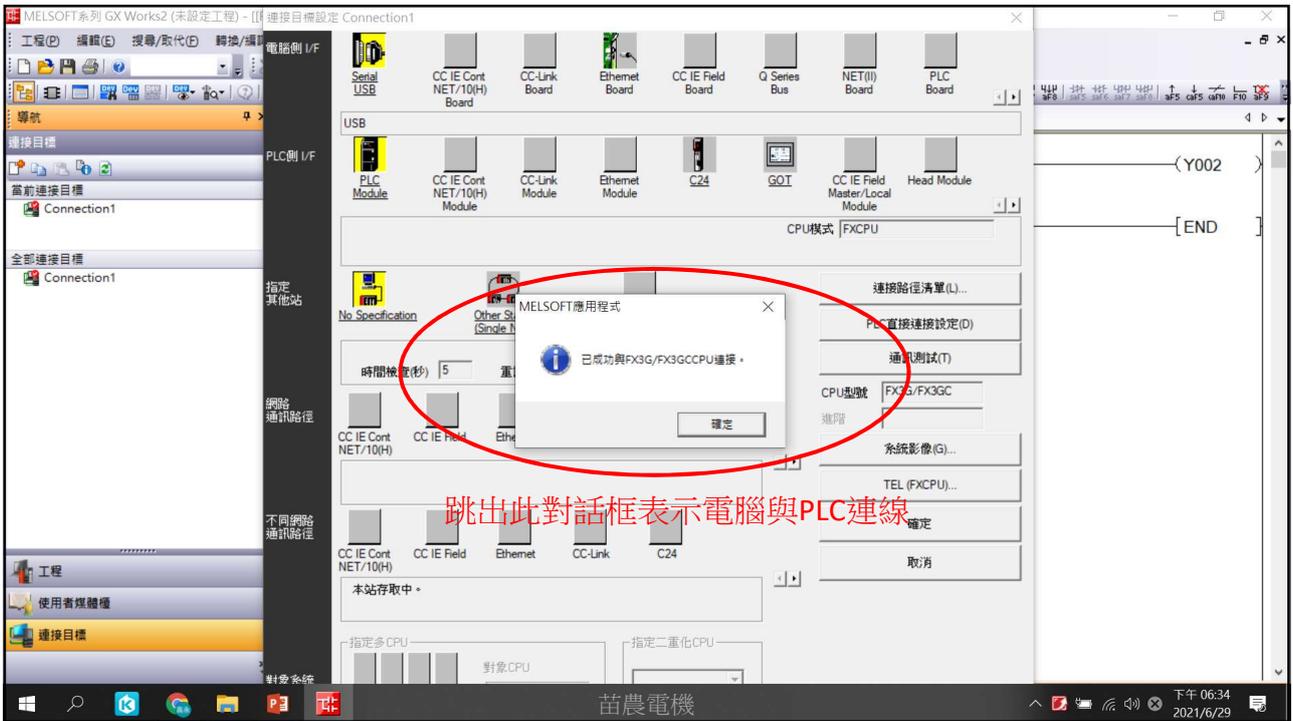
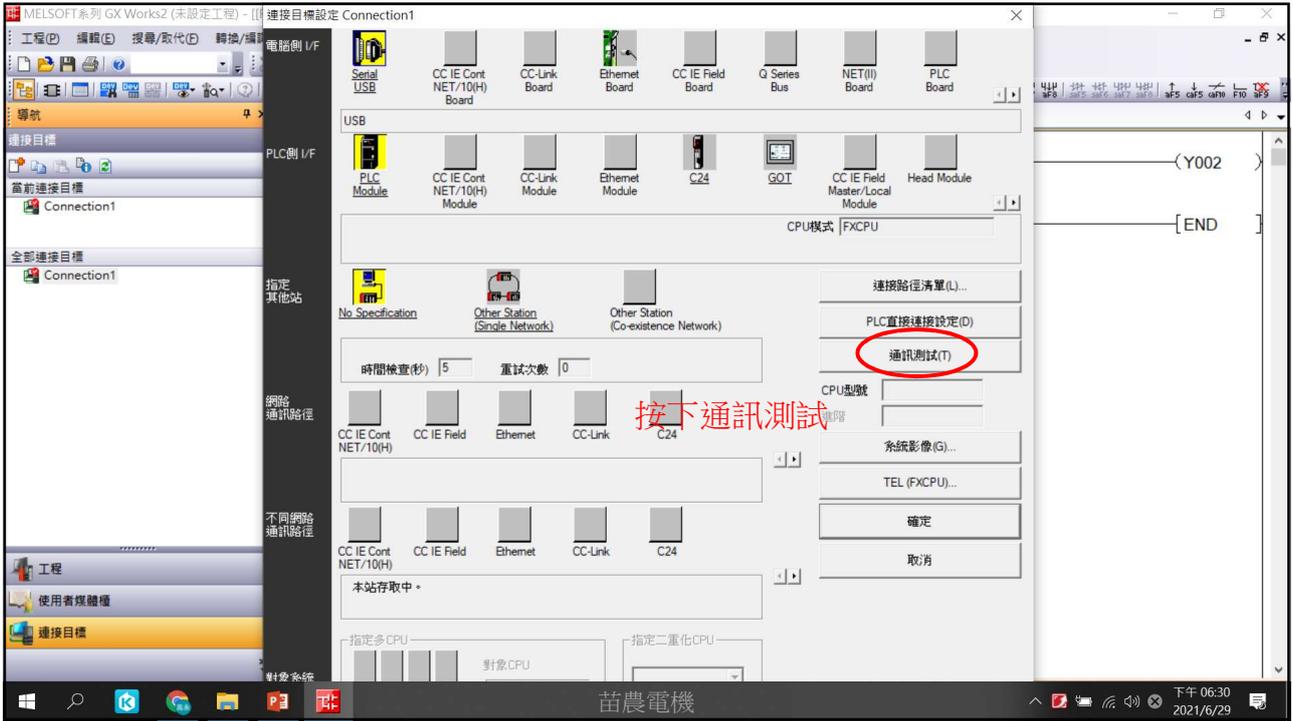


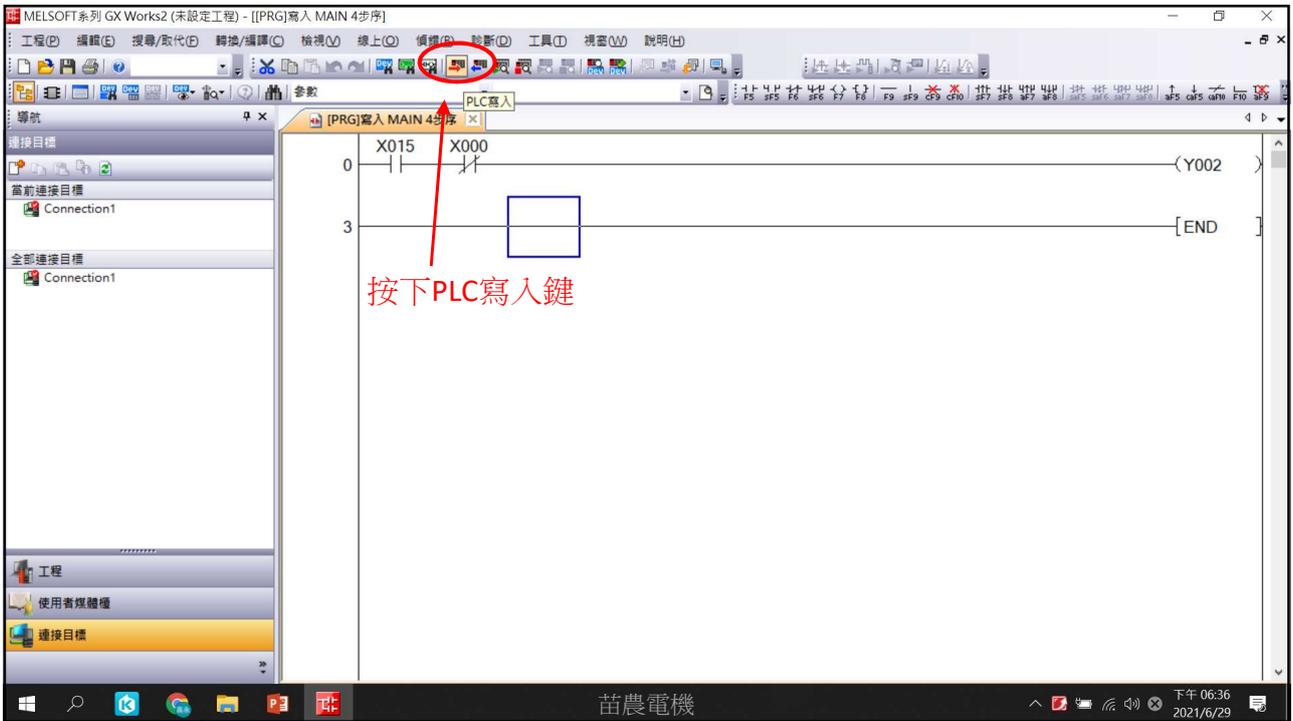
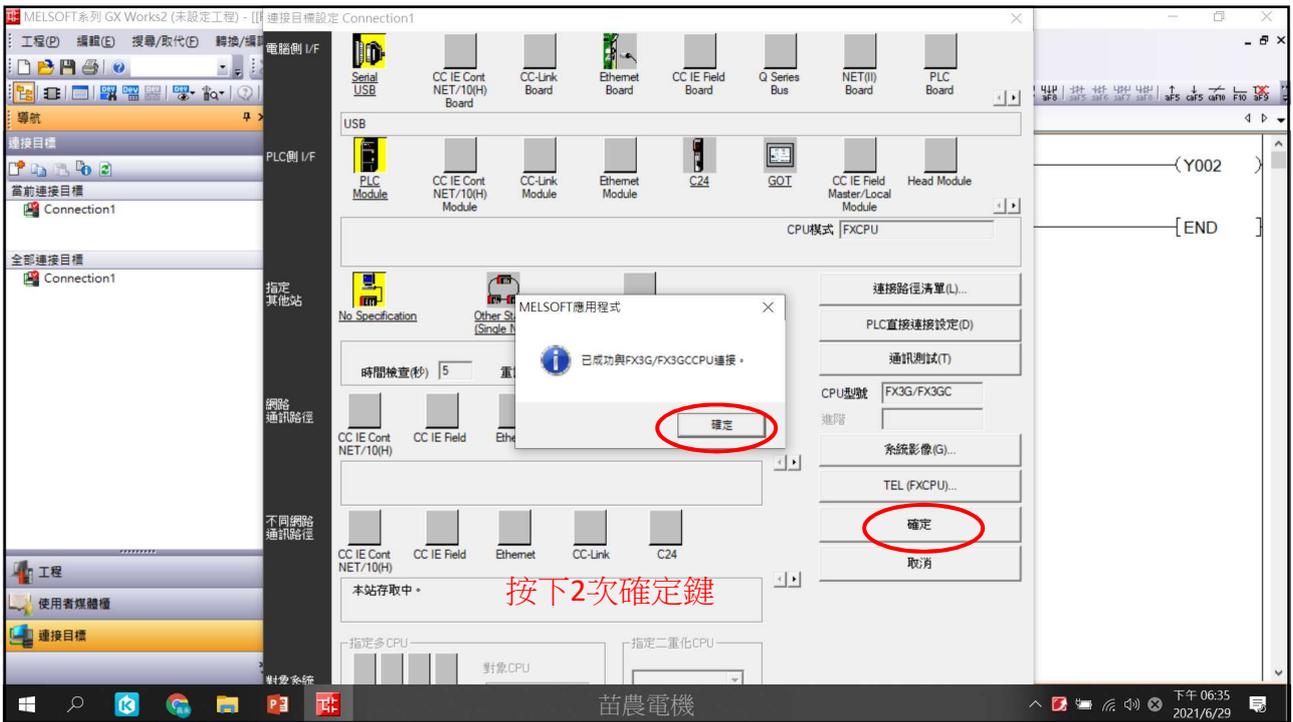


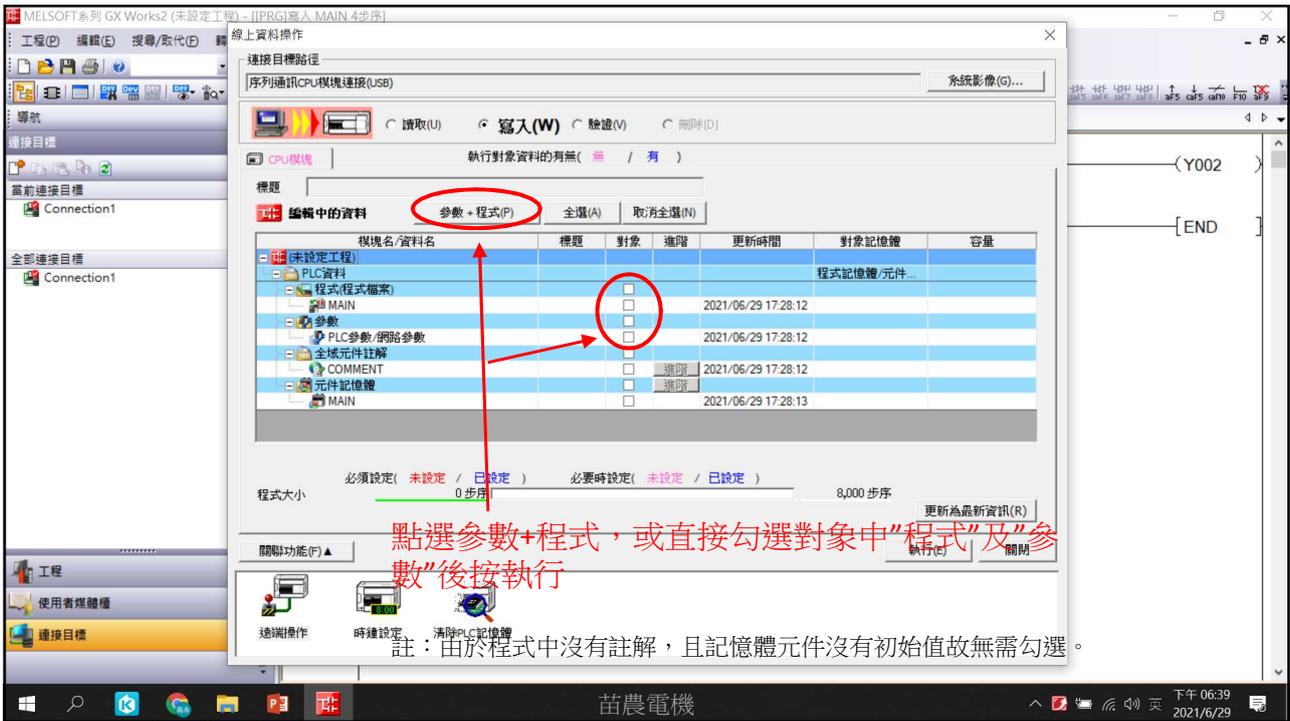
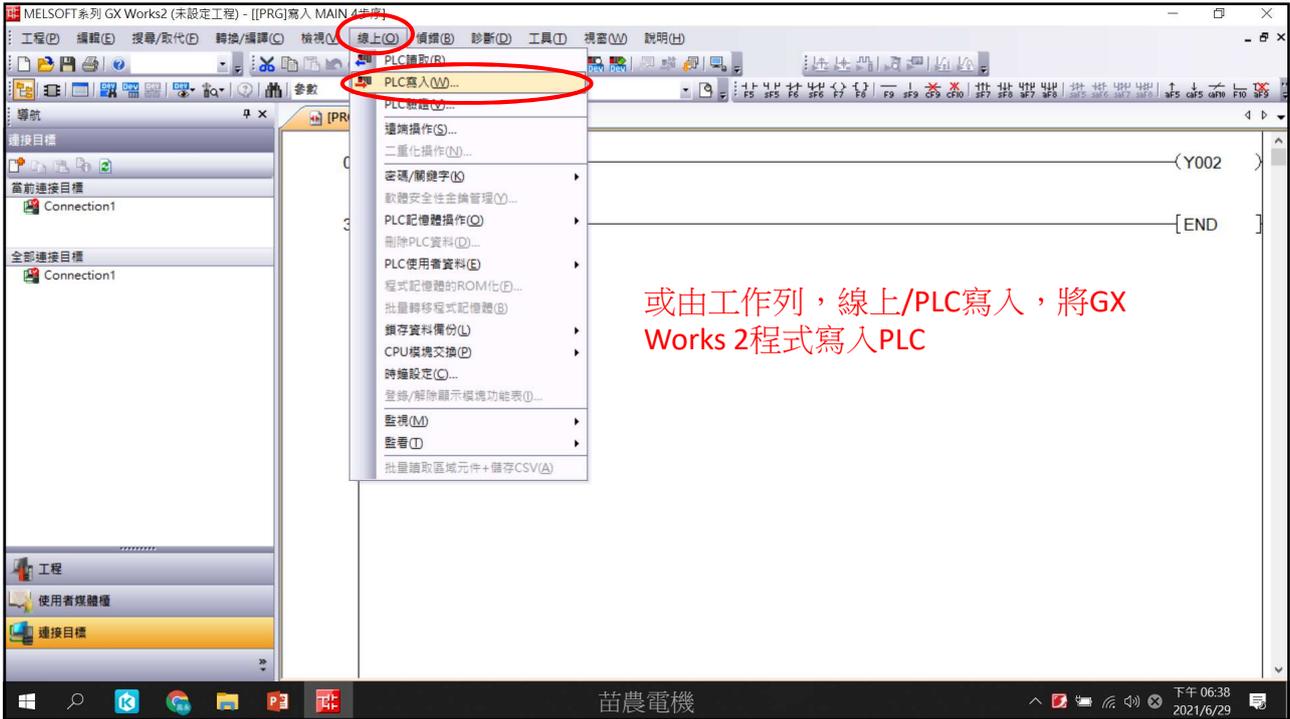


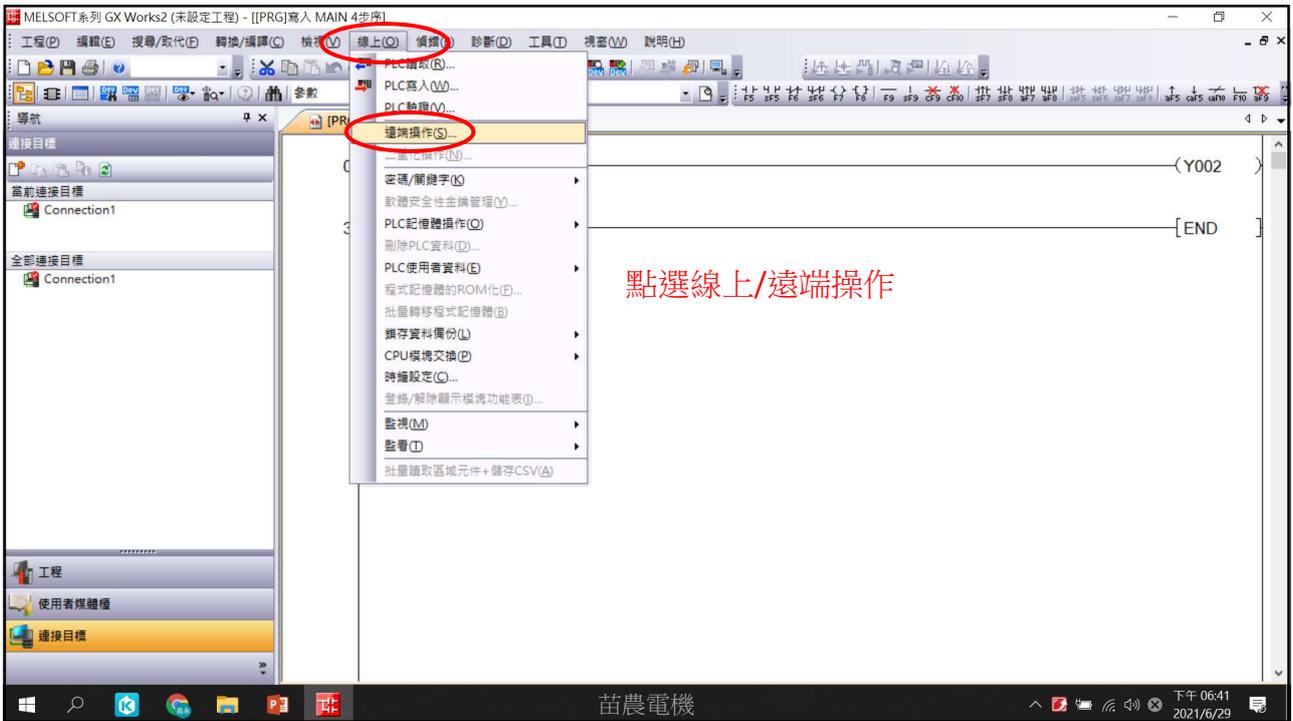


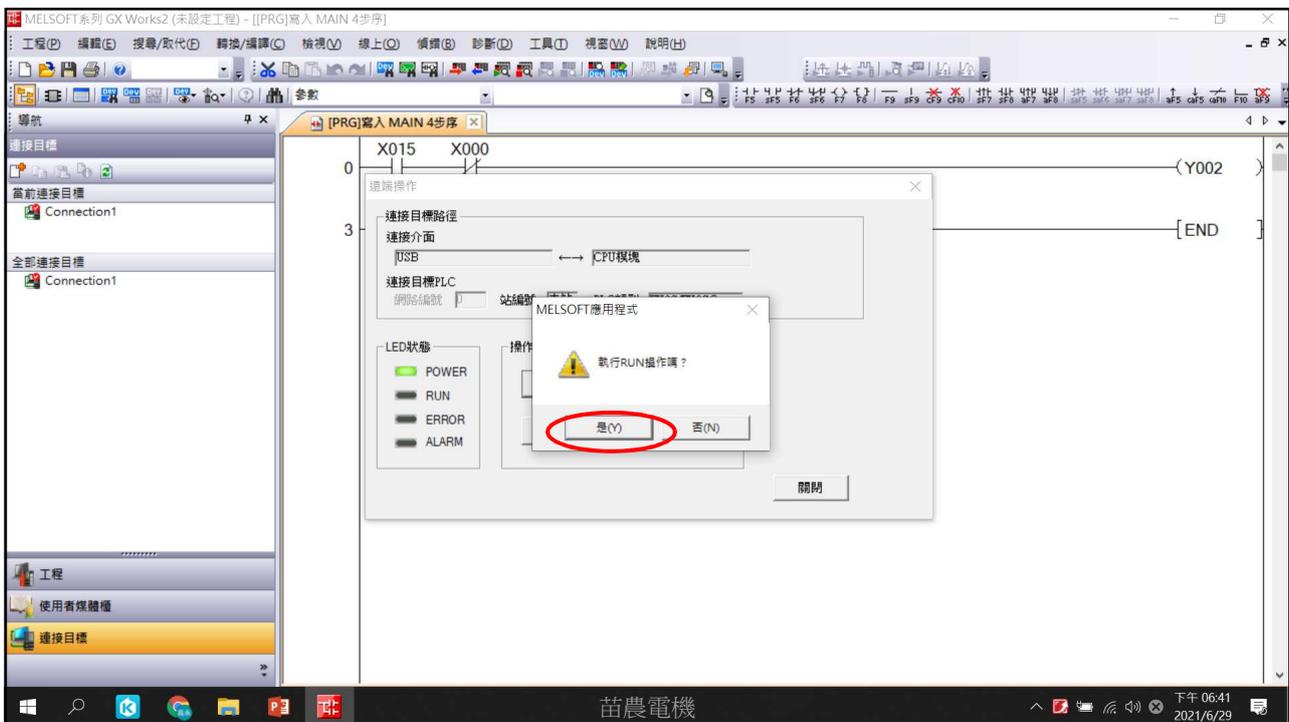
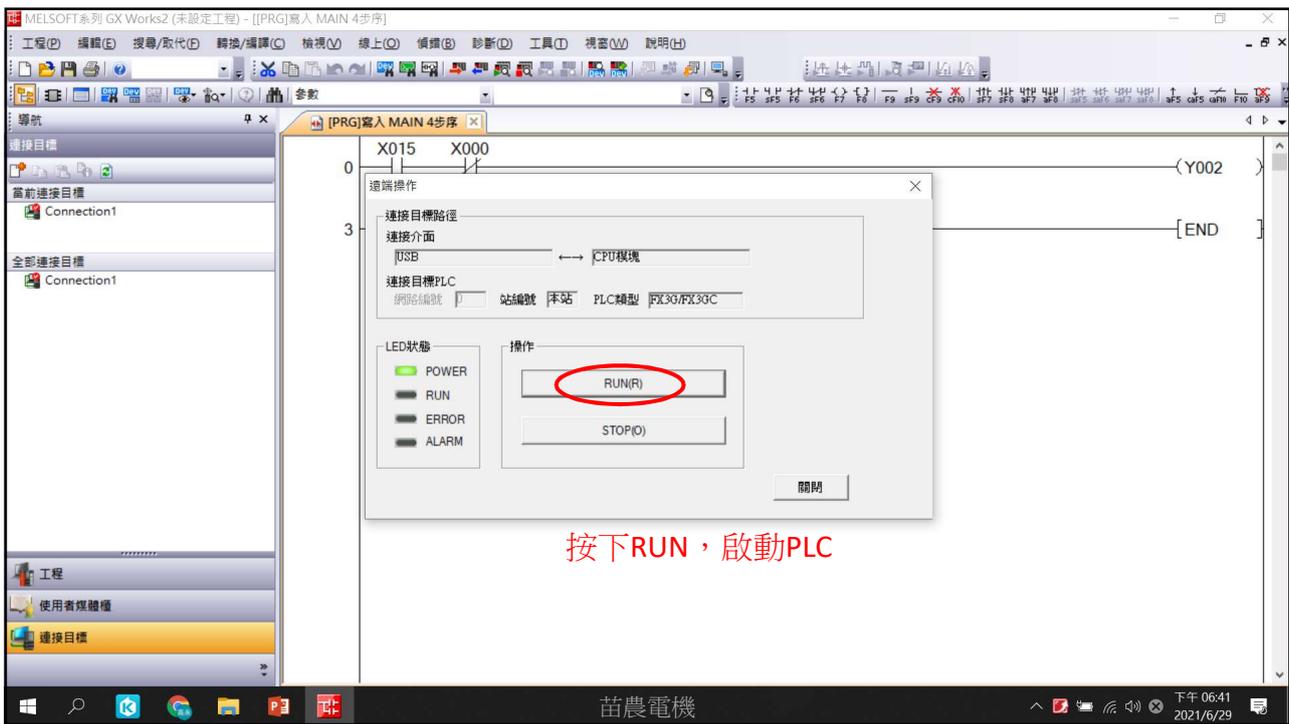


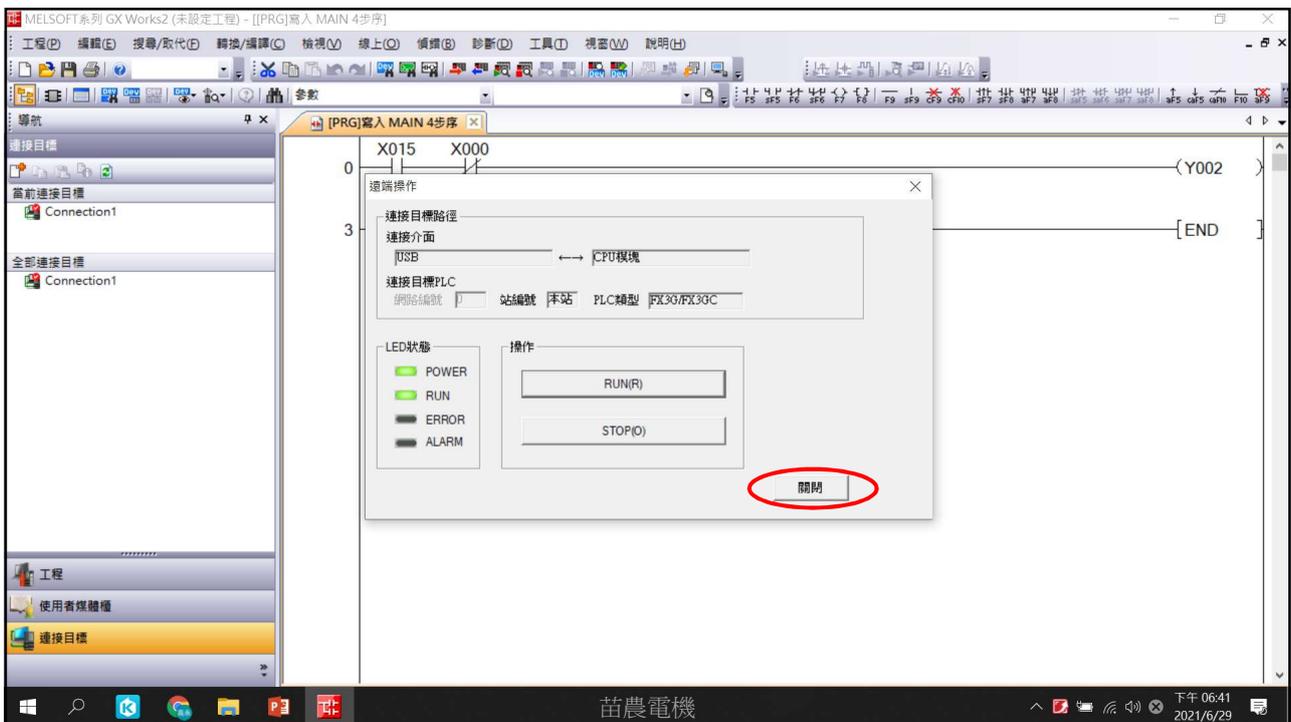
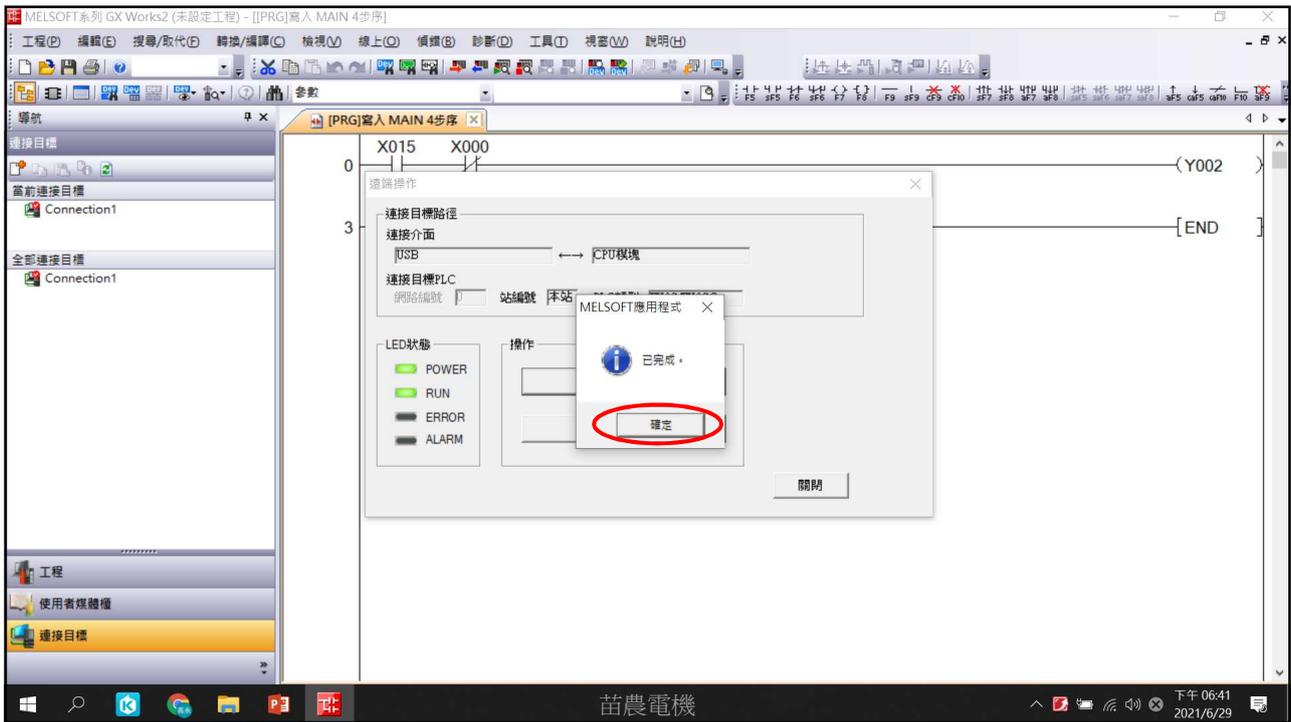


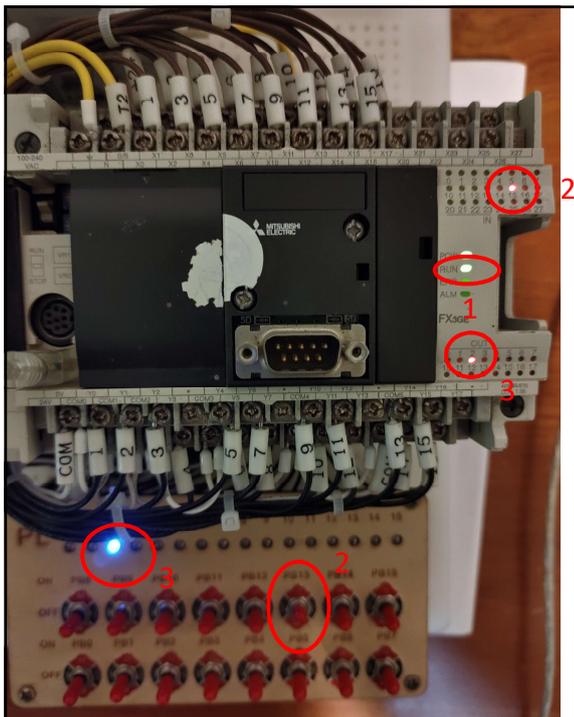






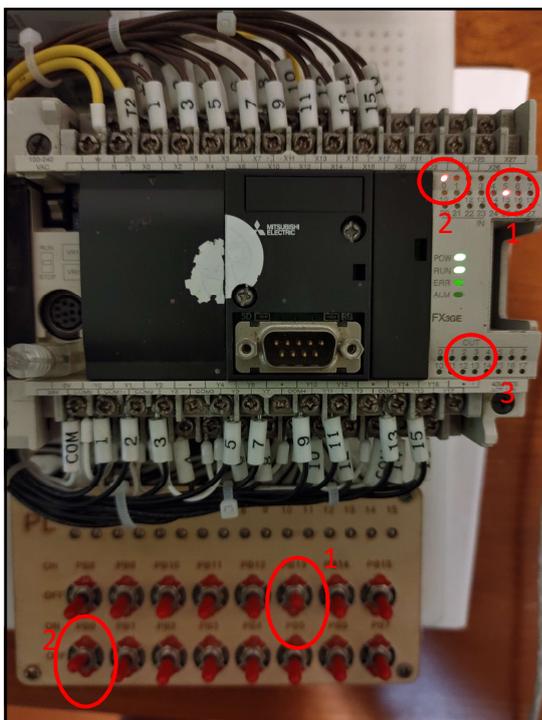






1. PLC RUN
2. X15 ON時PLC輸入指示燈亮起
3. 同時PLC輸出Y2指示燈亮起，輸送帶動作

苗農電機

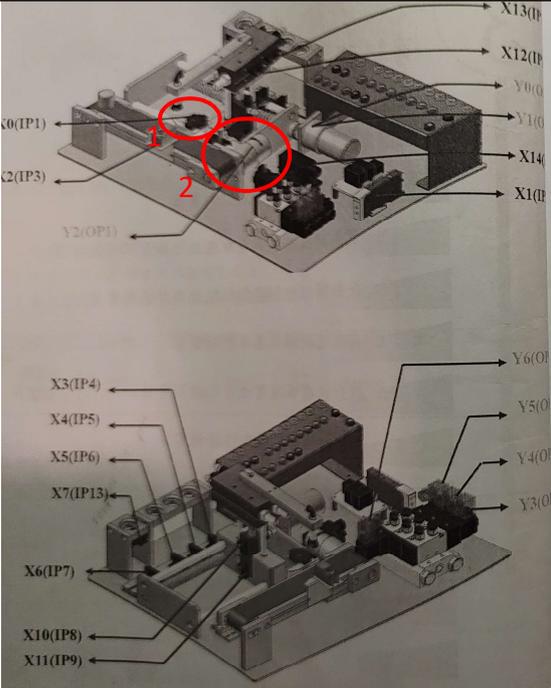


1. X15 ON時PLC輸入指示燈亮起
2. 此時若定位感測X0動作，PLC輸入指示燈亮起
3. 同時PLC輸出Y2指示燈熄滅，輸送帶停止動作

苗農電機

機電整合實體接線

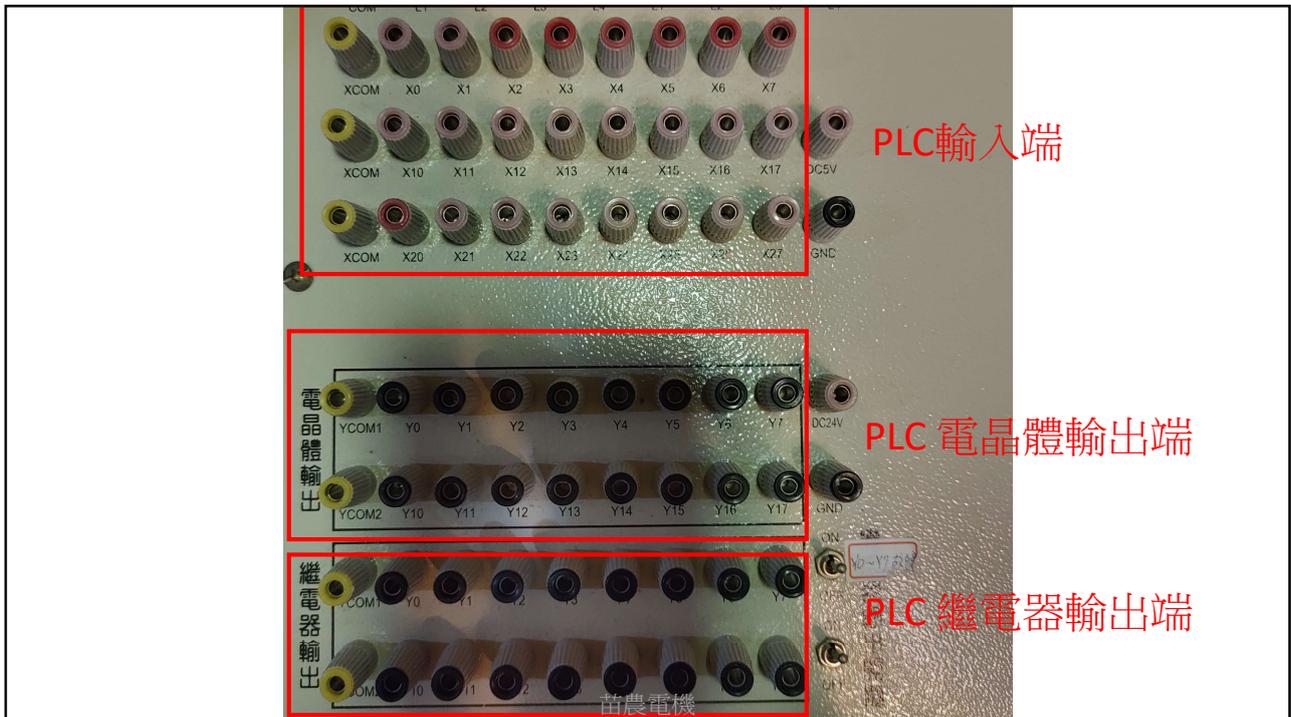
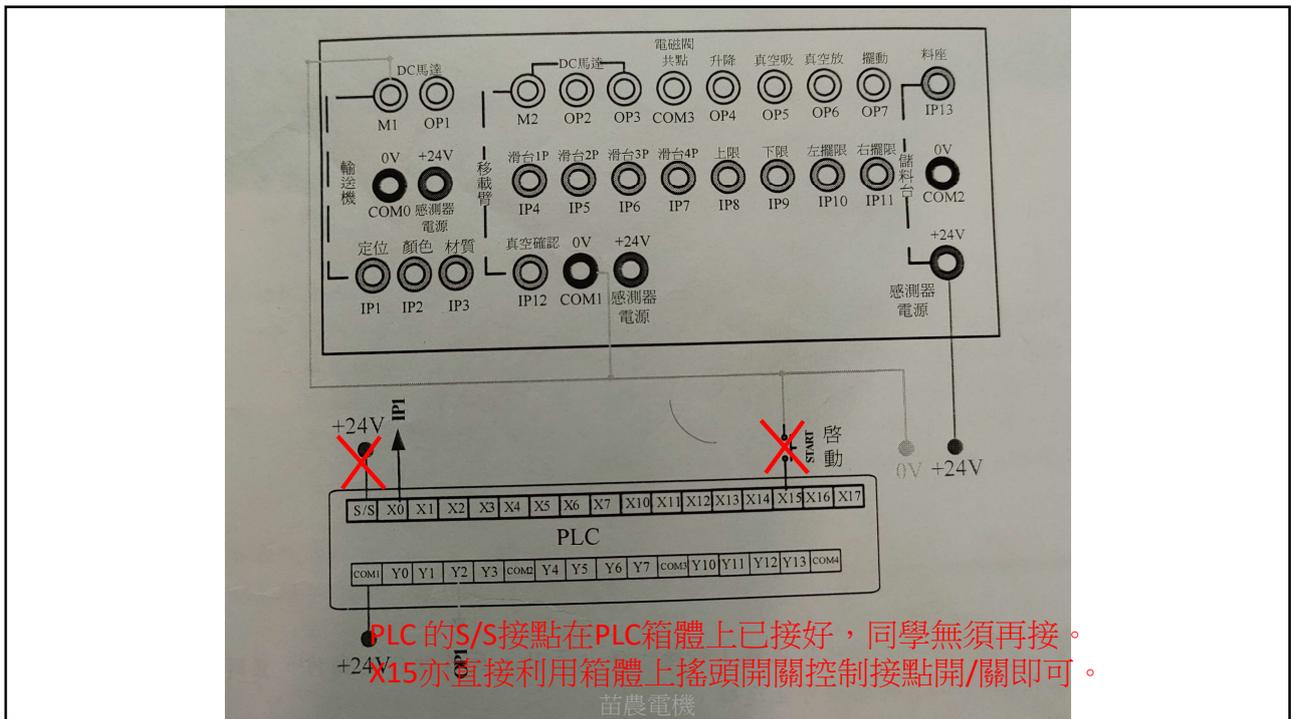
苗農電機

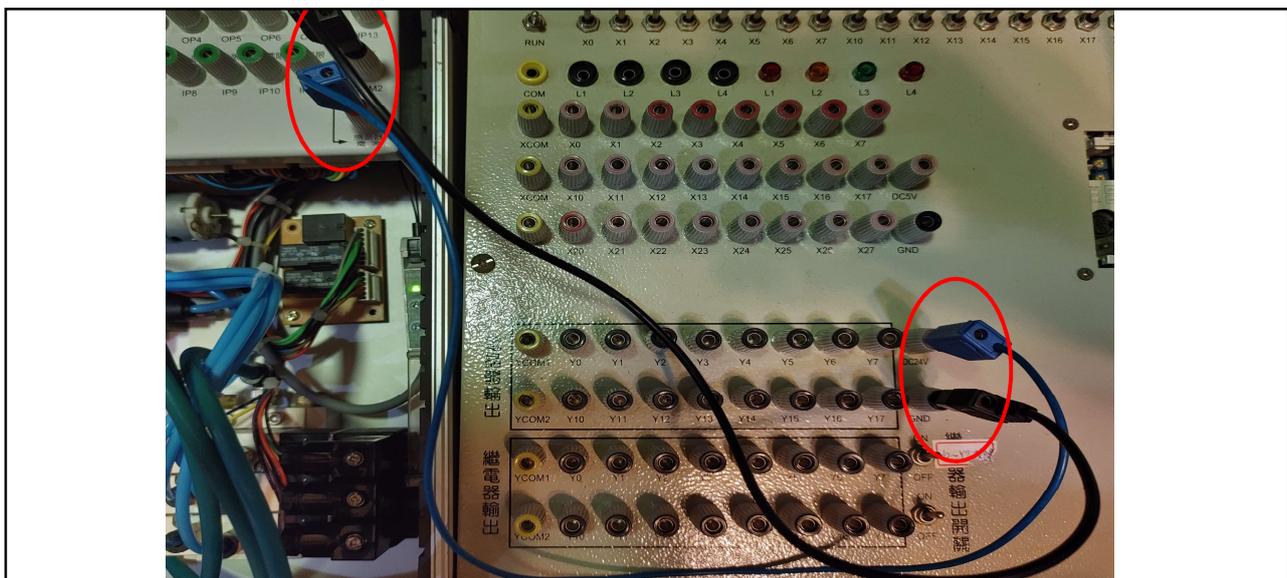
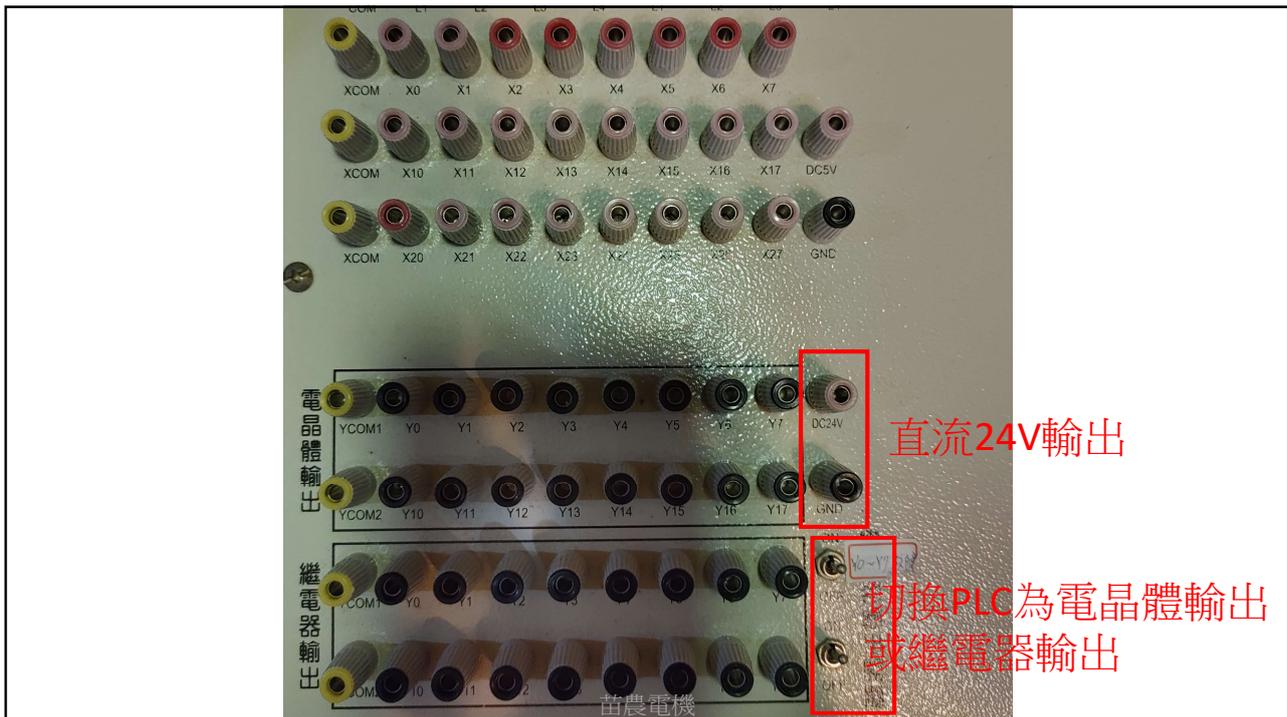


1	X0	定位感測(IP1)	Y0	滑台正轉(←)(OP2)	
	X1	顏色感測(IP2)	Y1	滑台反轉(→)(OP3)	
	X2	材質感測(IP3)	2	Y2	輸送機(OP1)
	X3	滑台 1P(IP4)	Y3	移載臂上升/下降(OP4)	
	X4	滑台 2P(IP5)	Y4	移載臂左擺/右擺(OP7)	
	X5	滑台 3P(IP6)	Y5	真空 ON(OP5)	
	X6	滑台 4P(IP7)	Y6	真空 OFF(OP6)	
	X7	儲料座感測(IP13)			
	X10	移載臂上限(IP8)			
	X11	移載臂下限(IP9)			
	X12	移載臂左限(IP10)			
	X13	移載臂右限(IP11)			
	X14	真空確認(IP12)			
	X15	啟動開關			
	X16	停止開關			
	X17	急停開關			

由於日後應用的輸入輸出點會很多，為避免接線錯誤，儘量按表列I/O規劃表編輯程式

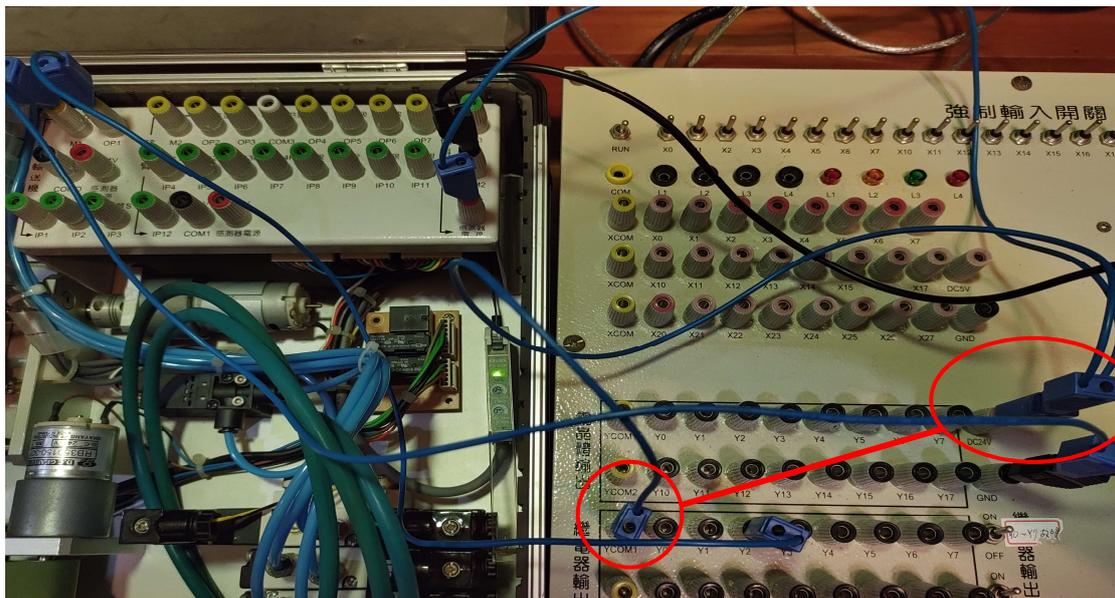
苗農電機





將PLC輸出直流24V提供給機電整合箱電源。供輸送帶馬達及滑台馬達使用。(*注意正、負極性)

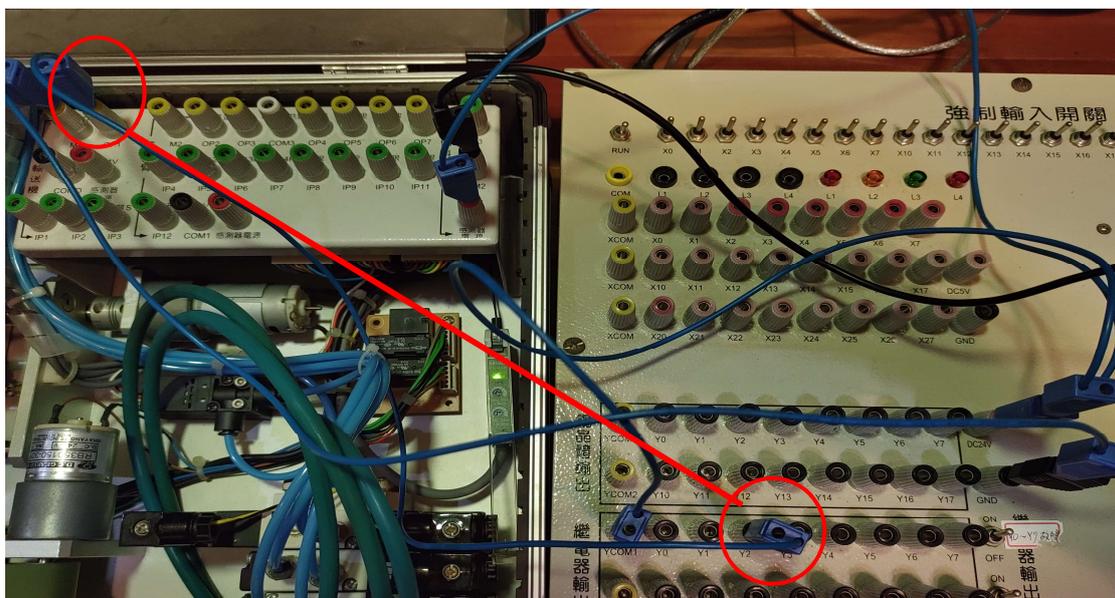
苗農電機



PLC輸出端COM點接至24V

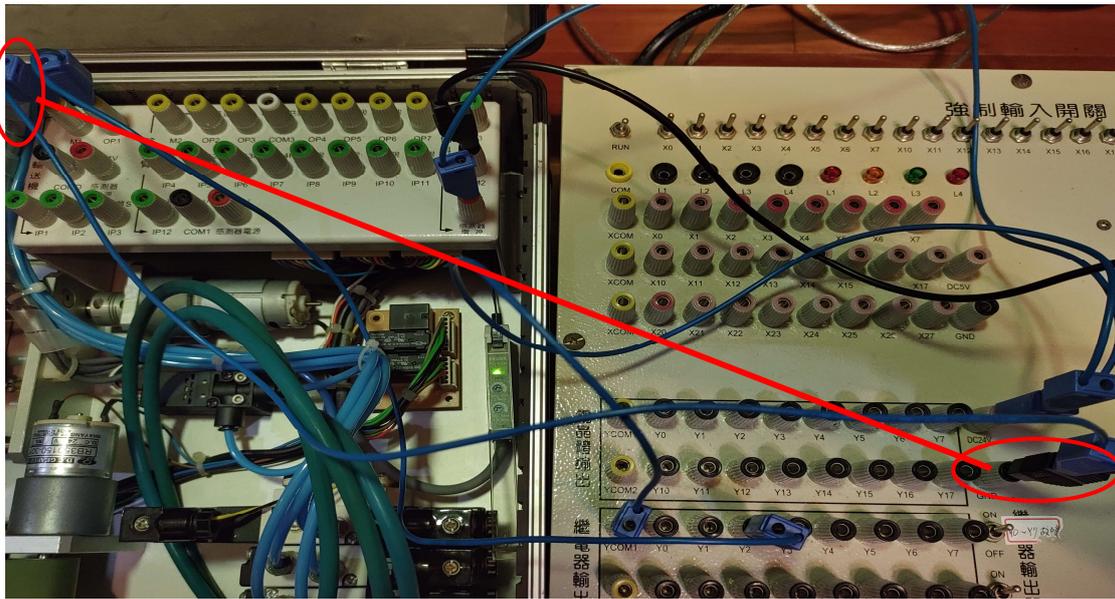
註：若使用Y1~Y7輸出，則Y COM1要接24V；若使用Y11~Y17輸出，則Y COM2要接24V

苗農電機



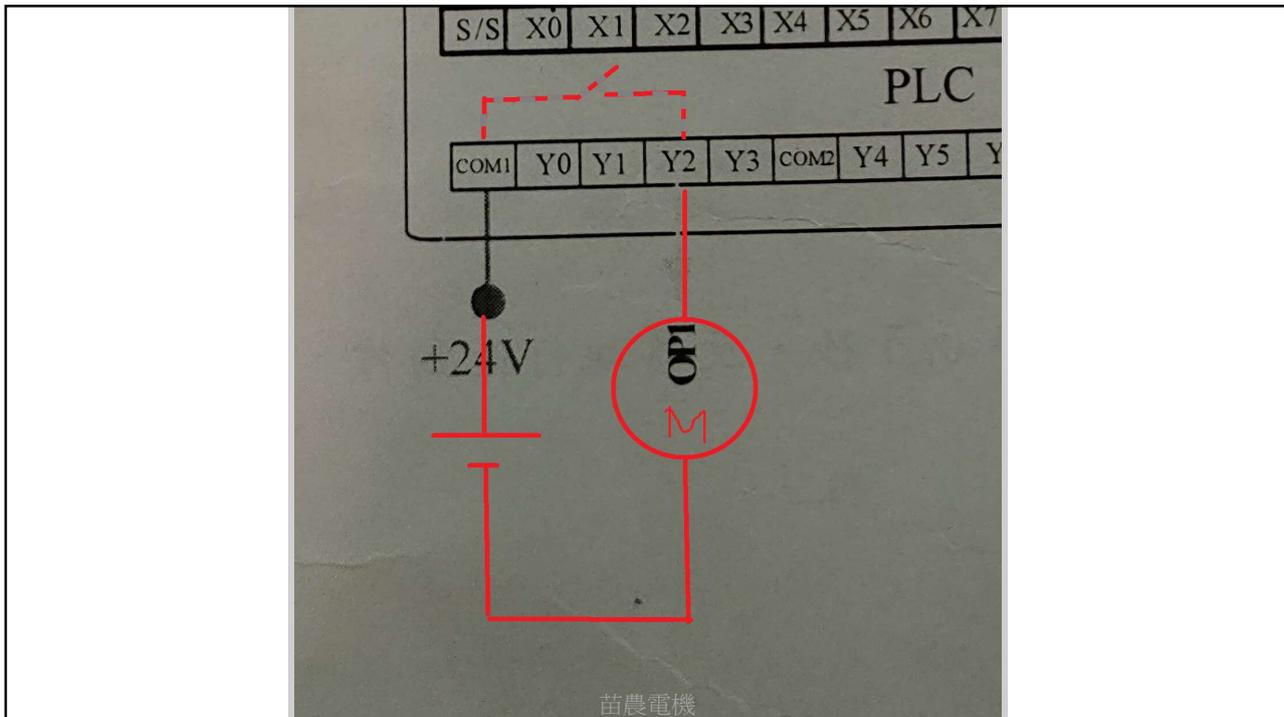
輸出端Y2接至直流馬達OP1

苗農電機

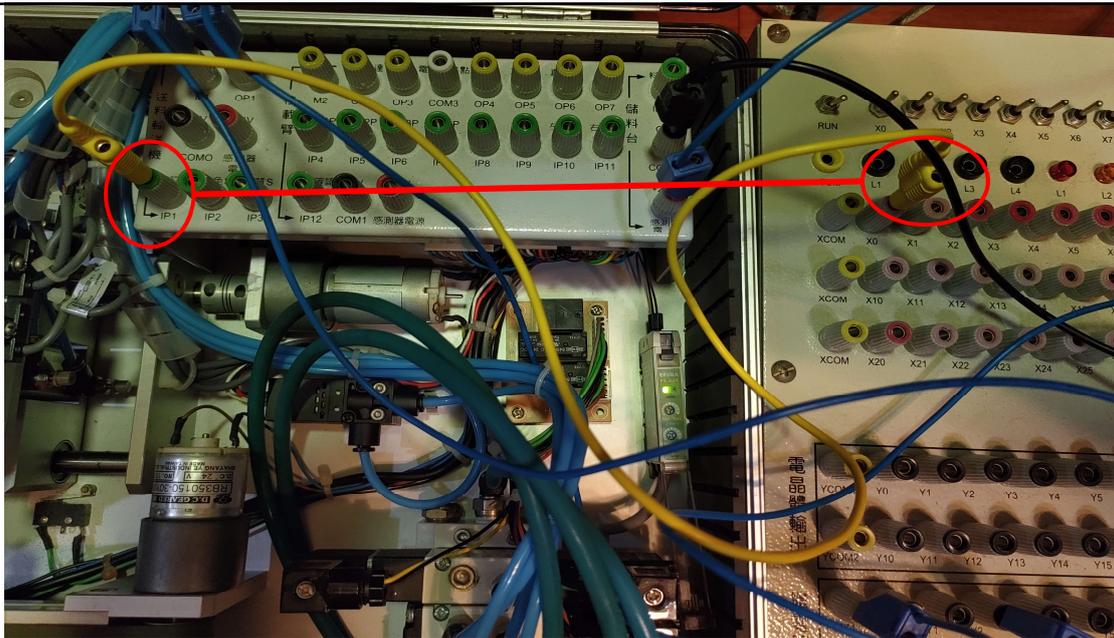


直流馬達的共點M1接回電源負端(GND)

苗農電機

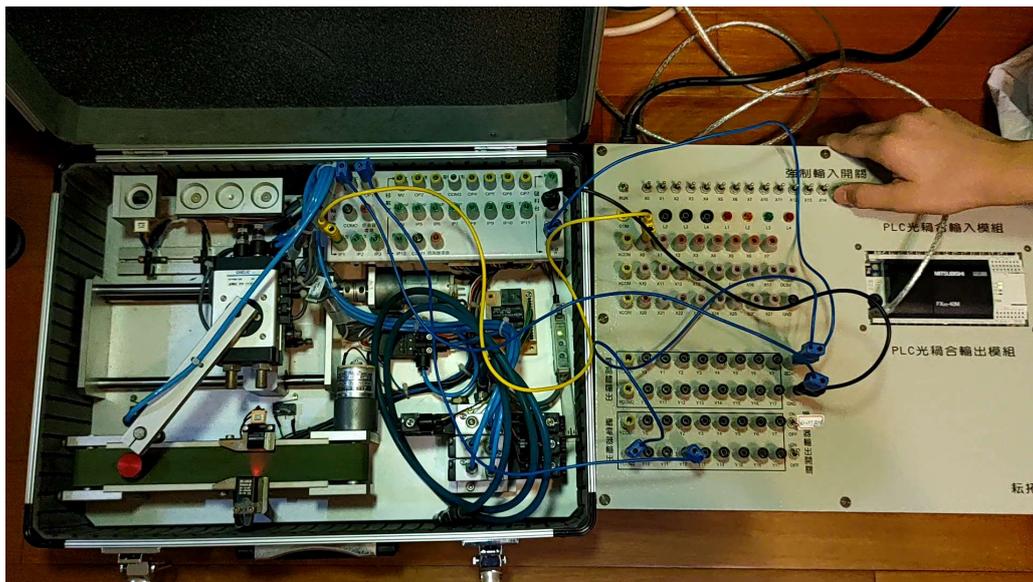


苗農電機



定位感測IP1接至PLC的X0

苗農電機



苗農電機