

How to output something at a time interval? For ex. Turn ON at 09:00 ~ 18:00 on Monday to Saturday, while 13:00 ~ 20:00 on Sunday.

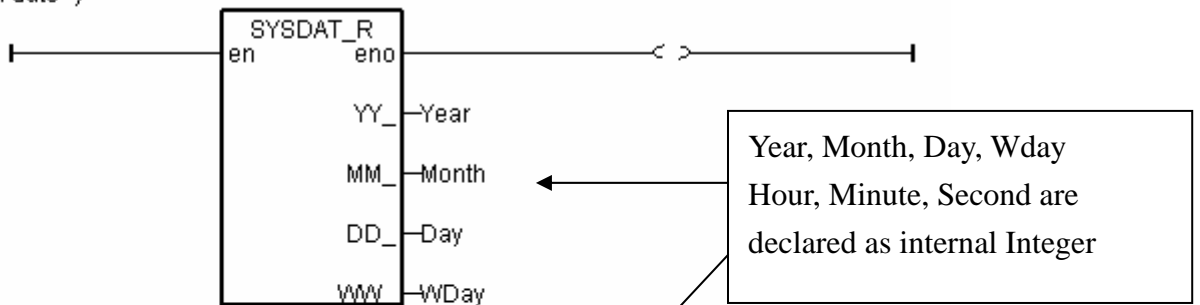
Ans:

The demo program is located at

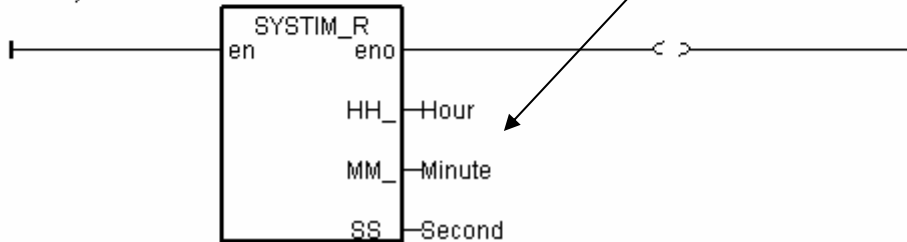
[ftp://ftp.icpdas.com.tw/pub/cd/8000cd/napdos/isagraf/8000/demo/ "demo_03.pia"](ftp://ftp.icpdas.com.tw/pub/cd/8000cd/napdos/isagraf/8000/demo/demo_03.pia)

First writing a LD program to get controller's date & time

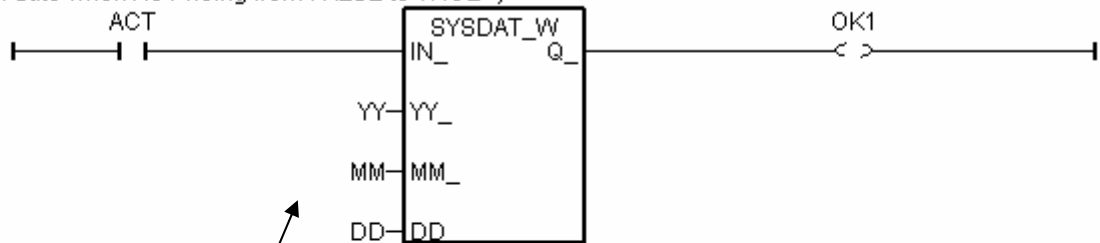
(* get system date *)



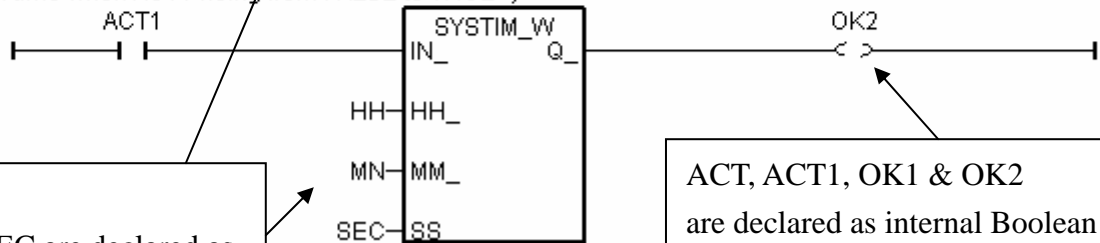
(* get system time *)



(* set system date when ACT rising from FALSE to TRUE *)



(* set system time when ACT1 rising from FALSE to TRUE *)



YY, MM, DD
HH, MN & SEC are declared as internal Integer

ACT, ACT1, OK1 & OK2
are declared as internal Boolean

Then writing a ST program to calculate time_val in second. (every day: 0 ~ 86399)

Time_val := 3600 * Hour + 60 * Minute + Second;

Time_val are declared as internal Integer

Last writing your control logic, for ex.

