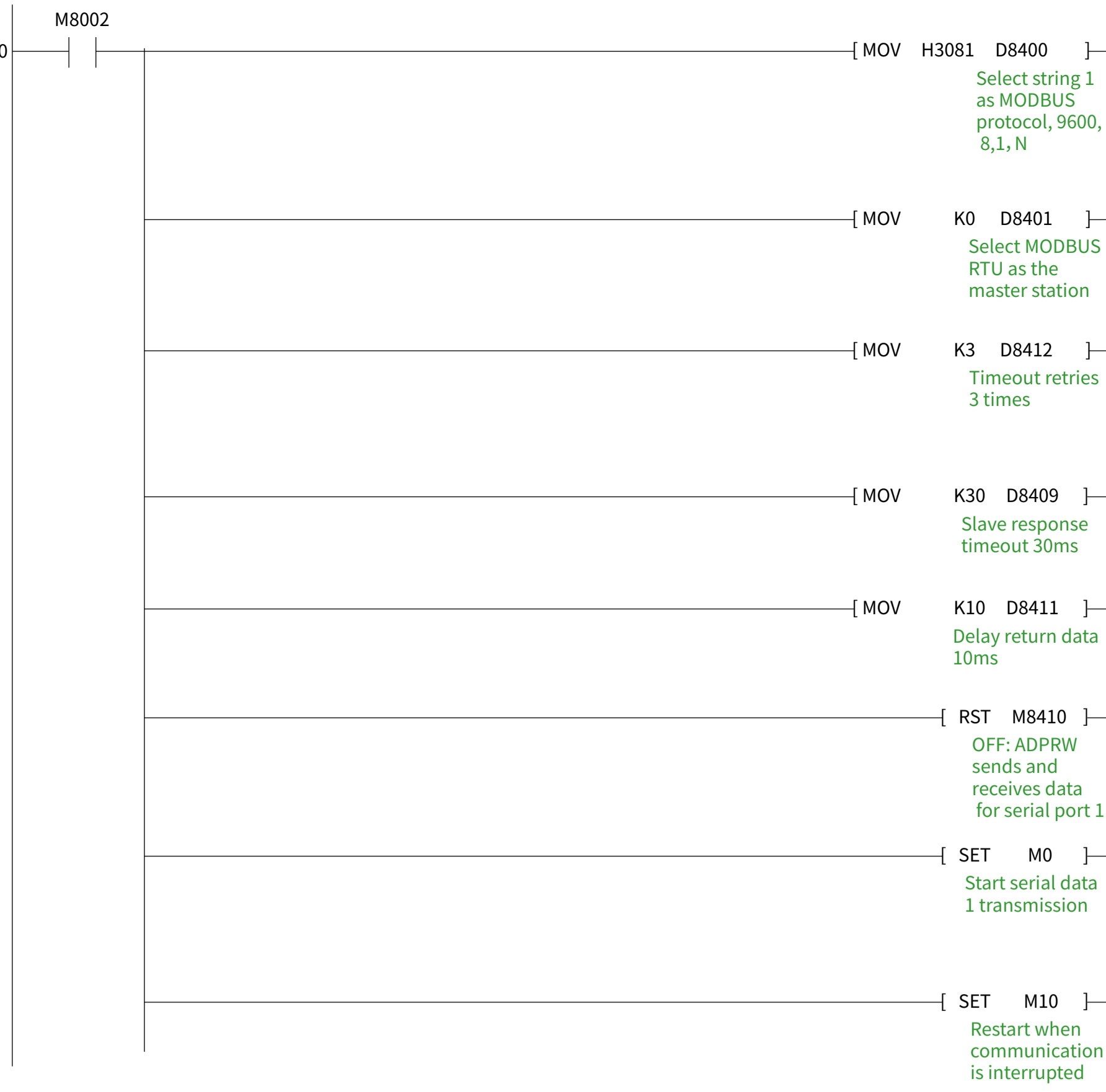


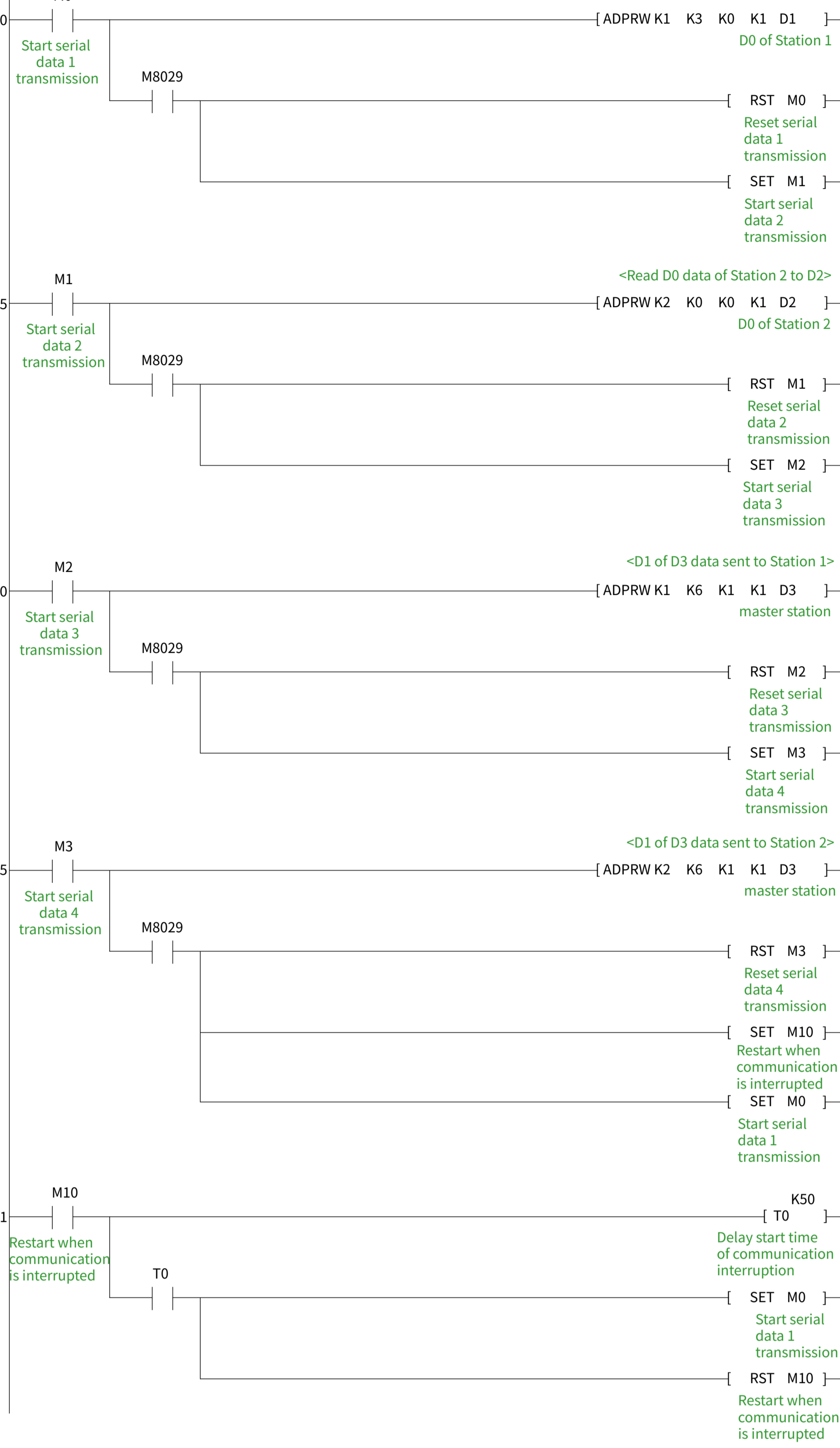
MODBUS RTU A1B1 setting master station, RS485-1 example program

Please note that A1B1/A2B2 can not be both the master station and the slave station

MODBUS RTU sets master station RS485-1, D8400-A1B1 port, 9600 8 1 NONE (communication parameters can be modified at will). The program needs to call ADPRW by polling

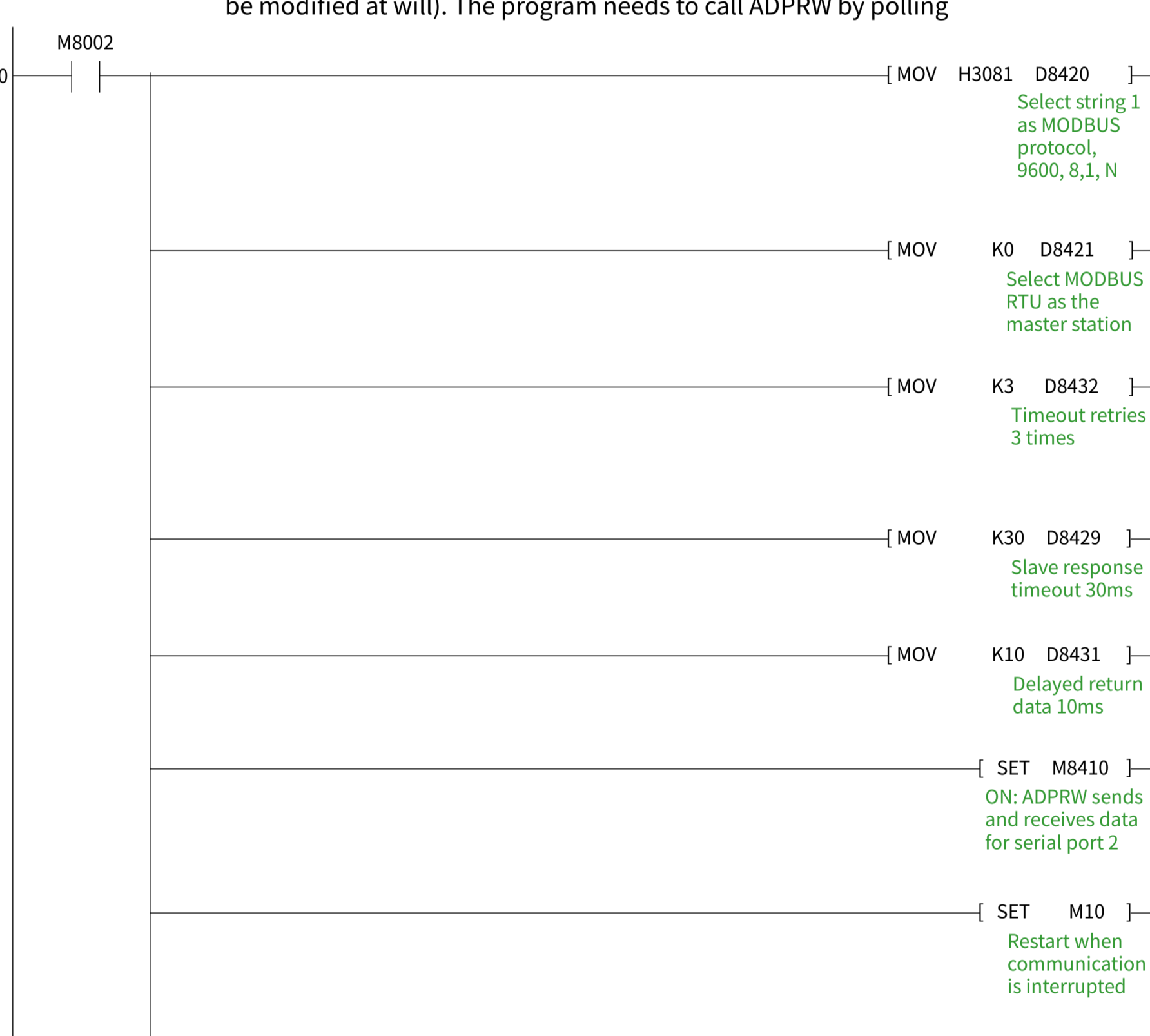


Note that when A1B1 RS485-1 is used as the master station: D8401 is K0, M8410 is 0

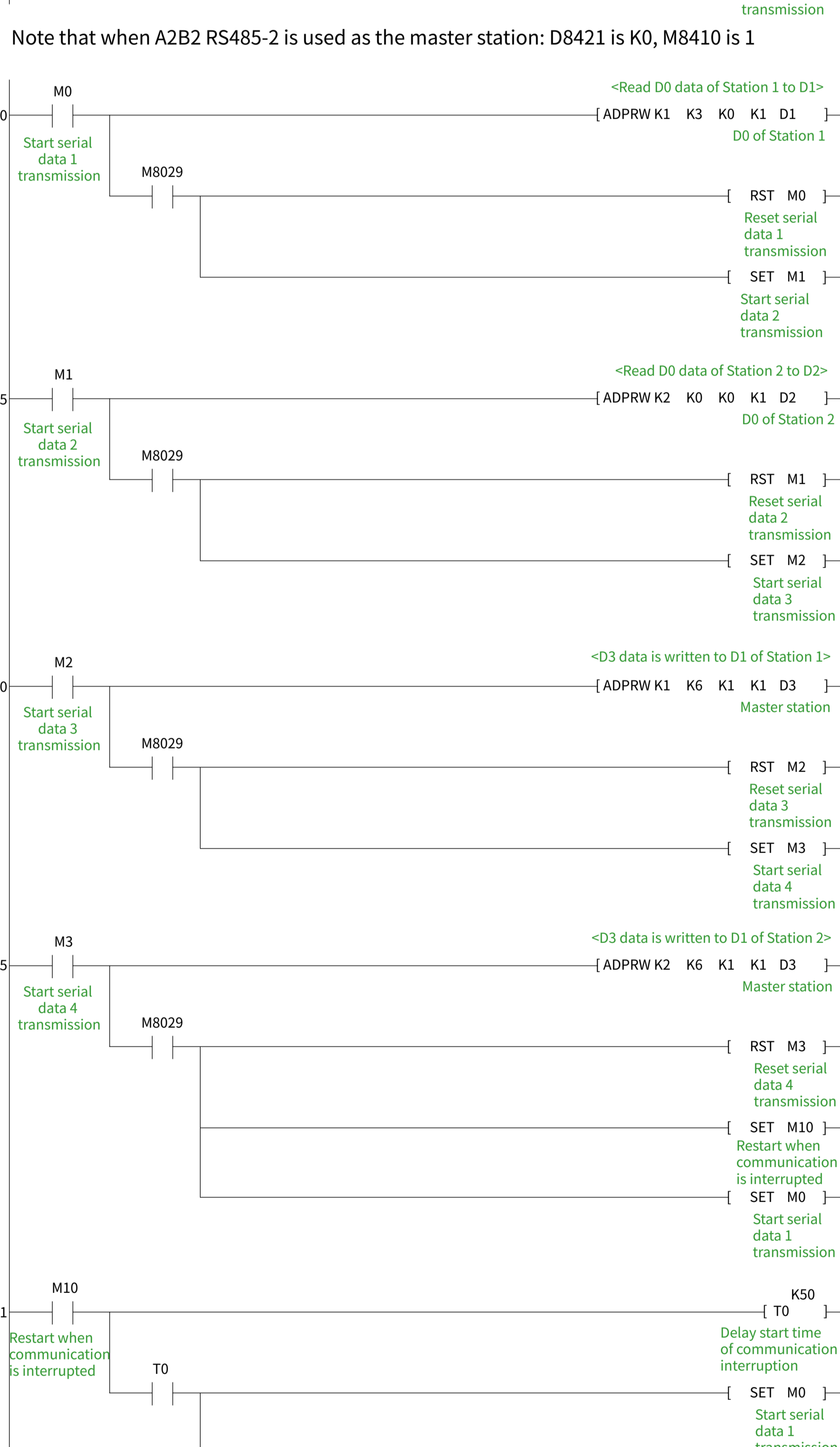


MODBUS RTU A2B2 master station, RS485-2 example program

MODBUS RTU sets master station RS485-2, D8420-A2B2 port, 9600 8 1 NONE (communication parameters can be modified at will). The program needs to call ADPRW by polling



Note that when A2B2 RS485-2 is used as the master station: D8421 is K0, M8410 is 1



Description of the ADPRW instruction:

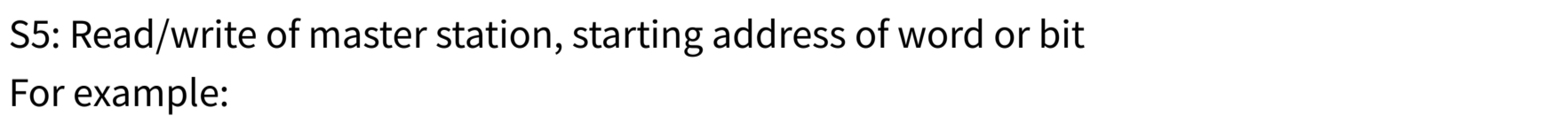
ADPRW	S1	S2	S3	S4	S5
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The same command ADPRW is used for writing and reading communication with the slave station.

- S1: Slave station No
- S2: Function code
- S3: Slave variable starting address
- S4: Number of read/write variables
- S5: Read/write of master station, starting address of word or bit

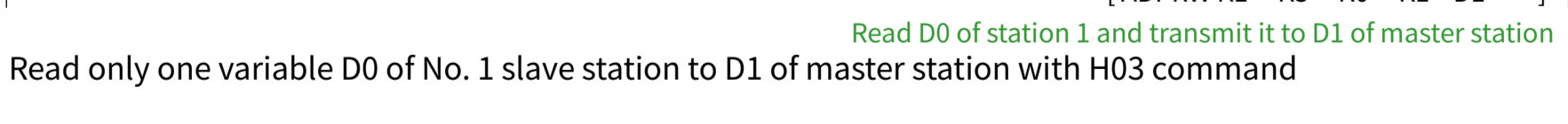
For example:

Example 1



Read only one variable D0 of No. 1 slave station to D1 of master station with H03 command and transfer it to D1 of master station

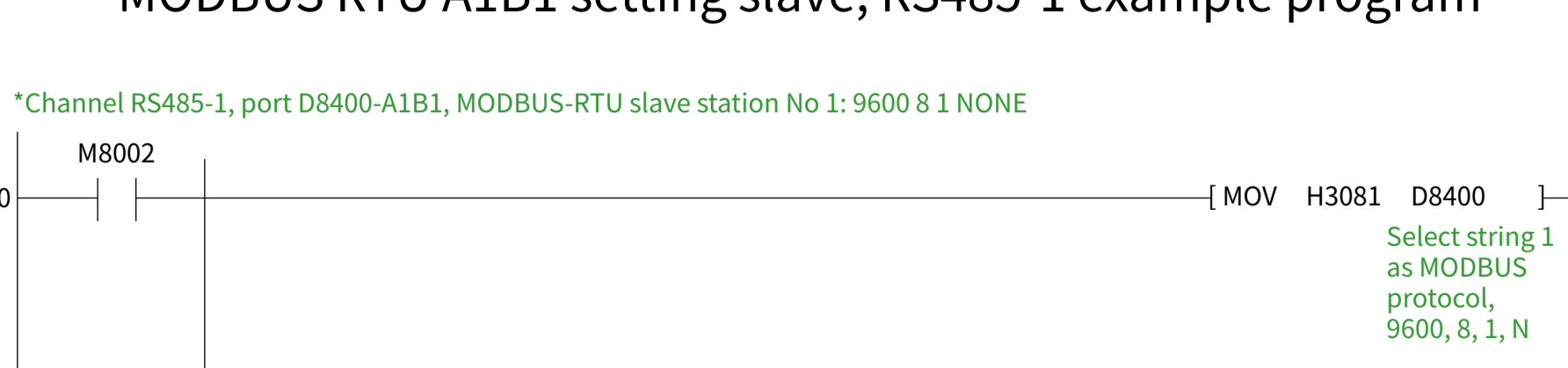
Example 2



Read only the five variables D0-D4 of No. 1 slave station with the H03 command and transfer them to D1-D5 of the master station

MODBUS RTU A1B1 setting slave, RS485-1 example program

*Channel RS485-1, port D8400-A1B1, MODBUS-RTU slave station No 1: 9600 8 1 NONE



MODBUS RTU A2B2 setting slave, RS485-2 example program

*Channel RS485-2, port D8420-A2B2, MODBUS-RTU slave station 1: 9600 8 1 NONE

