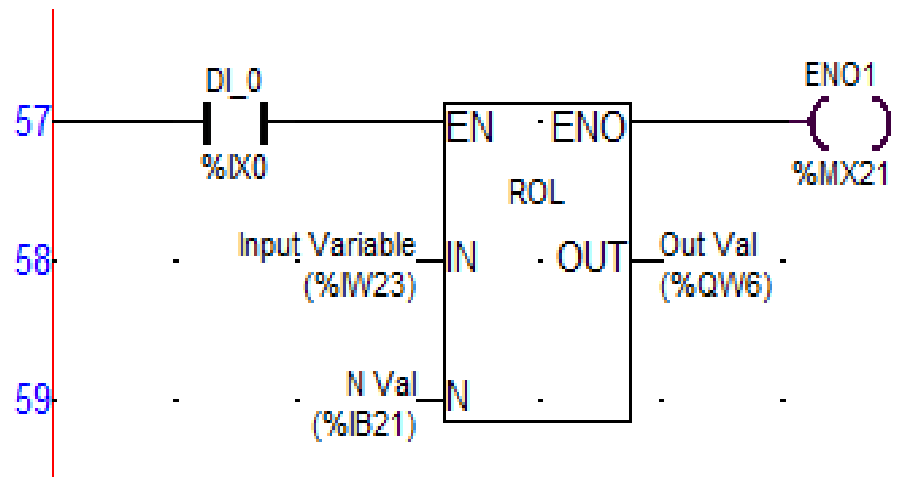


1. After adding register.



2. Description of the variable used in the block

Inputs :

Signal	Data type	Description
EN	BOOL	Enables block operation
IN	WORD, DWORD	Input variable to be rotated
N	USINT	Number of positions by which input variable is to be rotated

Outputs :

Signal	Data type	Description
ENO	BOOL	Indicates completion of operation
OUT	WORD, DWORD	Rotated input variable

When DI_0 goes high following calculation take place.

Initial Value	Calculation	Result
IN1 = 12 N = 3	<p>Binary Form of IN1 is 1100.</p> <p>The binary form of IN1 for WORD data type (16-bit) is</p> <p>0000 0000 0000 1100.</p> <p>After rotating IN1 by 3 positions to the left the value of IN1 is 0000 0000 0110 0000, the equivalent decimal is 96.</p>	Out = 96