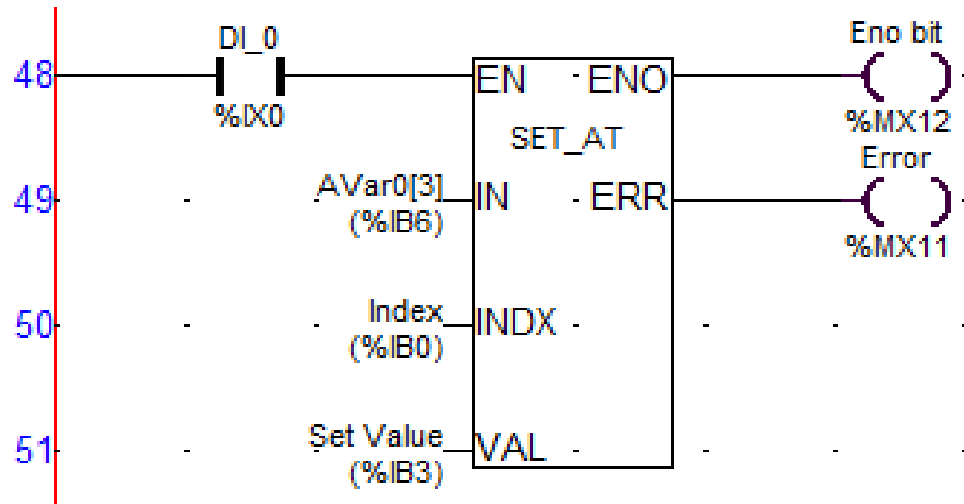


1. After adding array register.



Input :

Signal	Data type	Description
EN	BOOL	Enables block operation
VAR	SINT, INT, DINT, USINT, UINT, UDINT, REAL, LREAL, TIME, DATE, TOD, WORD, DWORD	Array Variable for which value is to be set at specified location
IND	UINT	Index of array at which the value is to be set
Val	SINT, INT, DINT, USINT, UINT, UDINT, REAL, LREAL, TIME, DATE, TOD, WORD, DWORD	Value to be set at the specified array location

Output :

Signal	Data type	Description
ENO	BOOL	Indicates completion of operation
ERR	BOOL	0-No Error, 1-illegal Index

2. Calculation

When DI_0 is HIGH following operation takes place and Eno_Bit turns ON(HIGH)

$$\text{Avar0}[3] = \{1,4,7\}$$

Index Value	Value at the index before Set At Operation	Value to be set	Value at the index after Set At Operation
0	1	10	10
1	4	20	20
2	7	30	30

EXIT