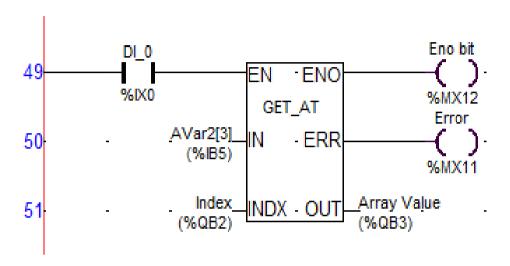## 1.After adding array register.

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 from which value is to be returned
INDX	UINT	Index of array for which value is required

Output :

Signal	Data type	Description
ENO	BOOL	Indicates completion of operation
ERR	BOOL	0-No Error, 1-illegal Index
Val	SINT, INT, DINT, USINT, UINT, UDINT, REAL, LREAL, TIME, DATE, TOD, WORD, DWORD	Value of the array variable at the given index

2. Calculation

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

Avar2[3] = {1,4,7}

Index Value	Value at Index
0	1
1	4
2	7

EXIT