

Comparison Instruction

عملیات مقایسه در واقع بین محتویات دو آکومولاتور صورت میگیرد

مساوی	==	ACCU1 is equal to ACCU2
مخالف	<>	ACCU1 is not equal to ACCU2
بزرگتر	>	ACCU1 is greater to ACCU2
کوچکتر	<	ACCU1 is less than to ACCU2
بزرگتر مساوی	>=	ACCU1 is greater than or equal to ACCU2
کوچکتر مساوی	<=	ACCU1 is less than or equal to ACCU2

Comparison Instruction

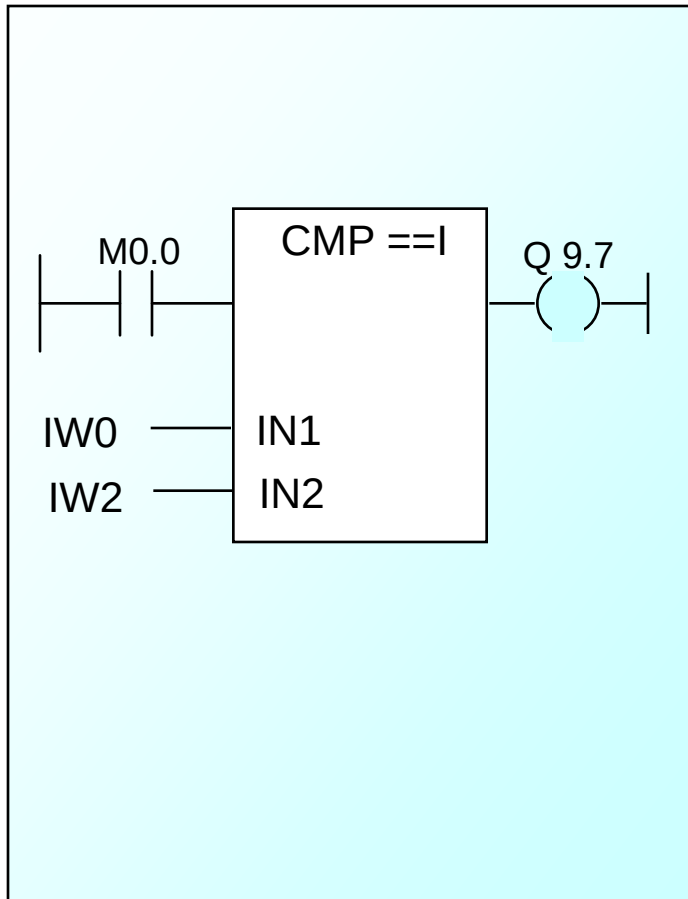
I مقایسه اعداد صحیح (در پایه ۱۶ بیتی)

D مقایسه اعداد صحیح (در پایه ۳۲ بیتی)

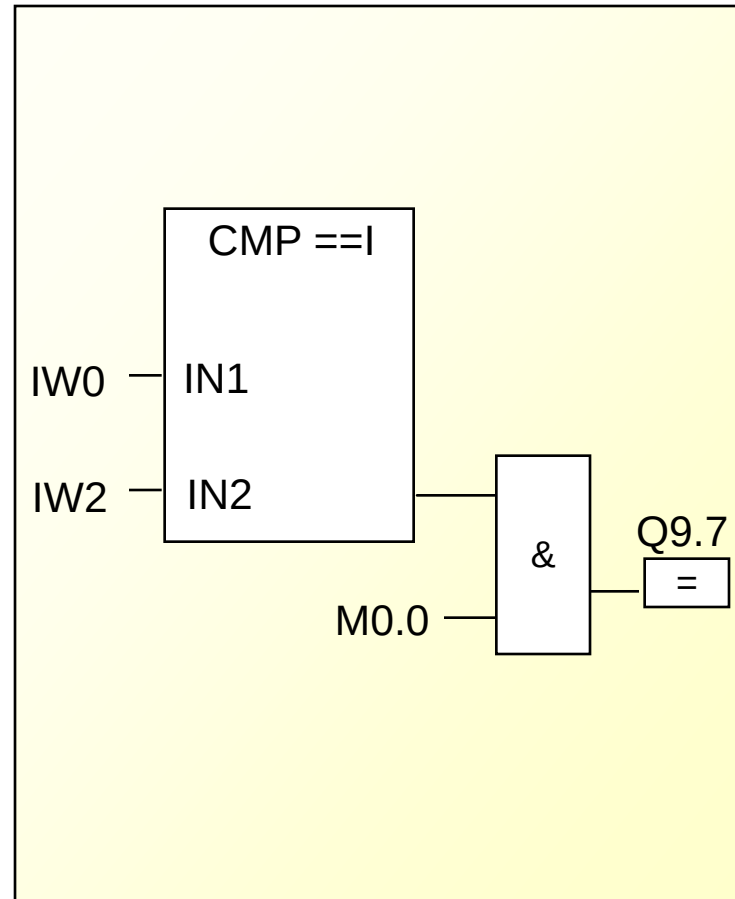
R مقایسه اعداد دارای ممیز شناور (در پایه ۳۲ بیتی)

Comparison Operations مساوی

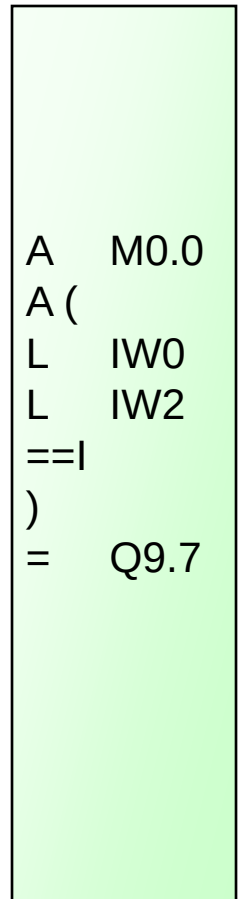
LAD



FBD

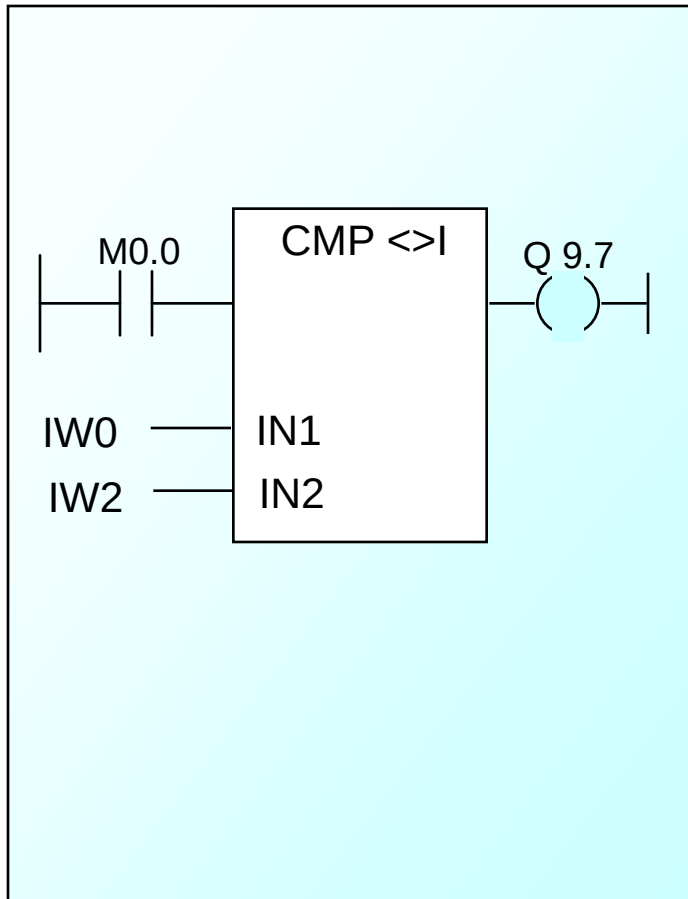


STL

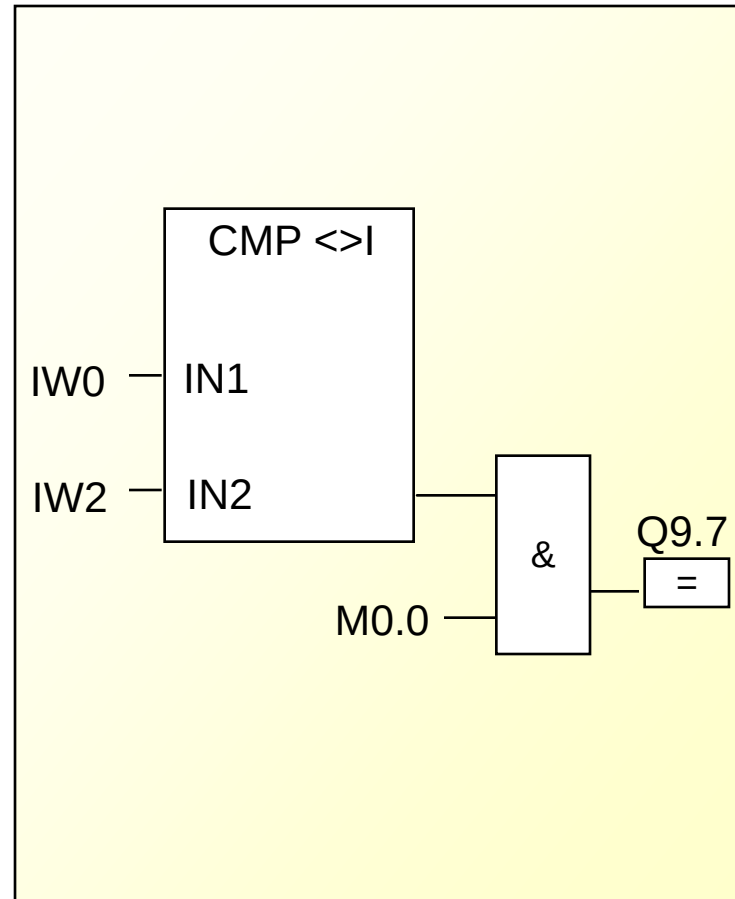


Comparison Operations نامساوی

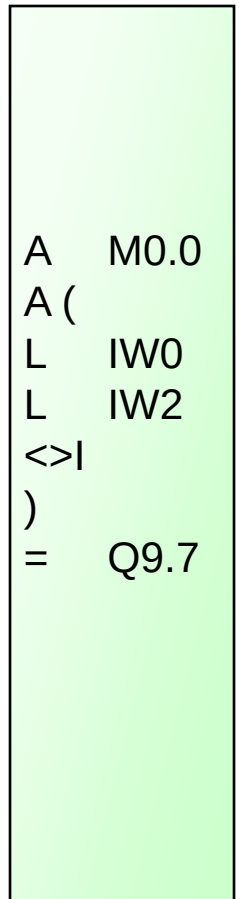
LAD



FBD

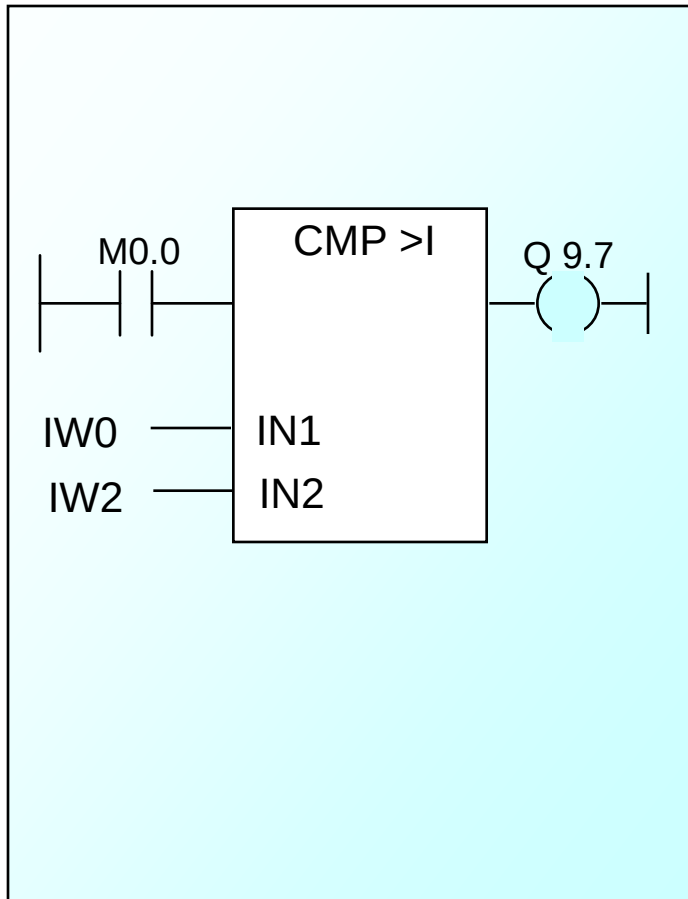


STL

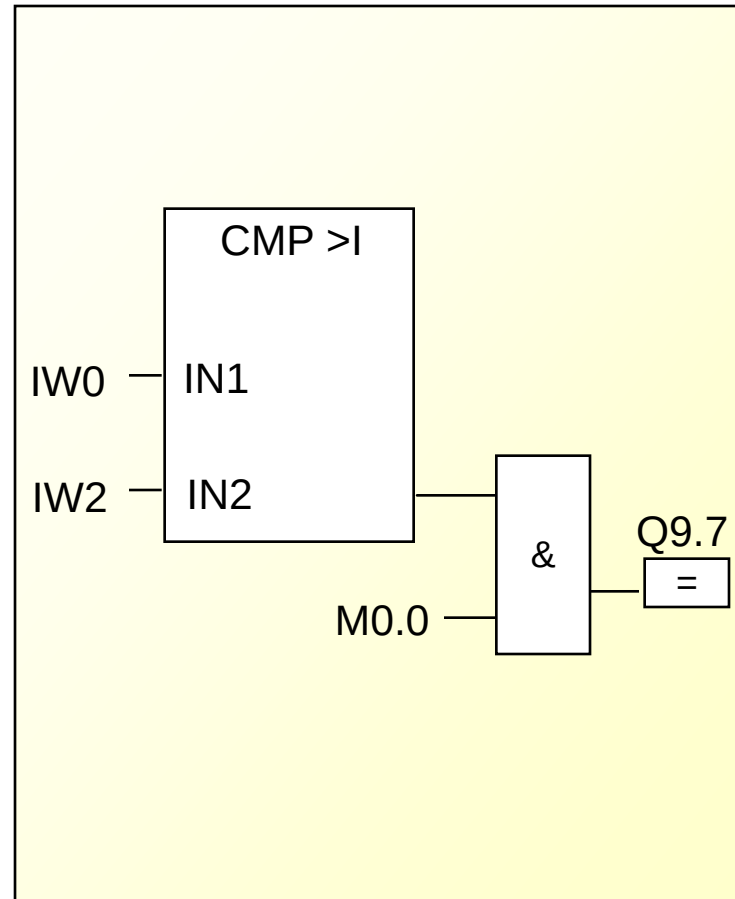


Comparison Operations بزرگتر

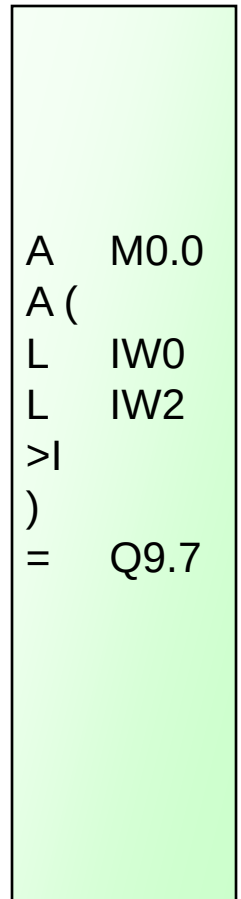
LAD



FBD

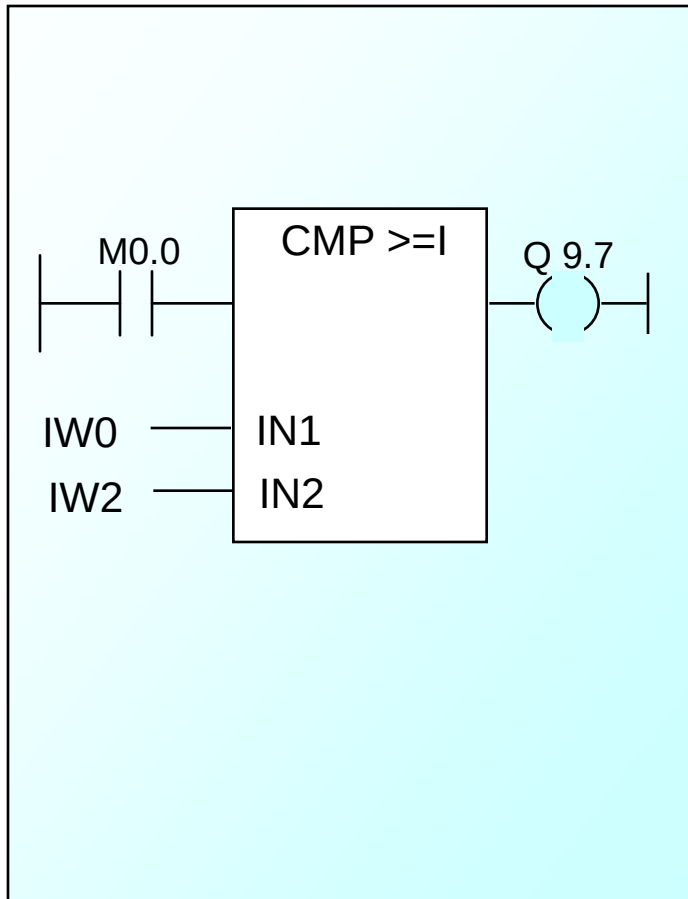


STL

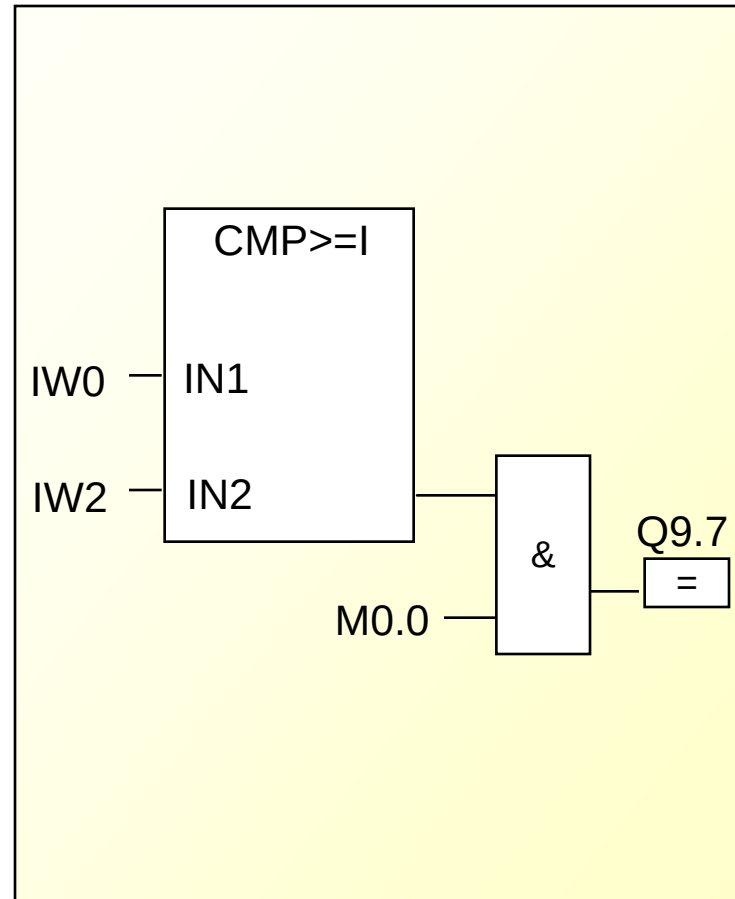


Comparison Operations بزرگتر مساوی

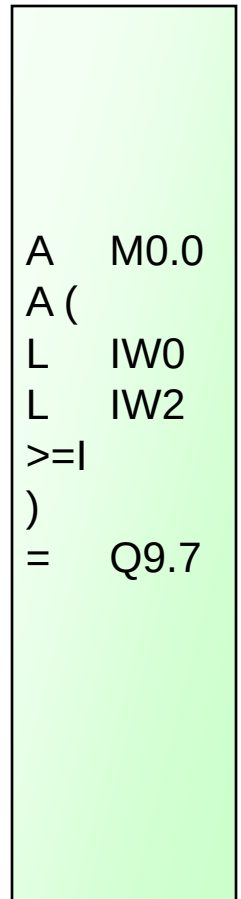
LAD



FBD

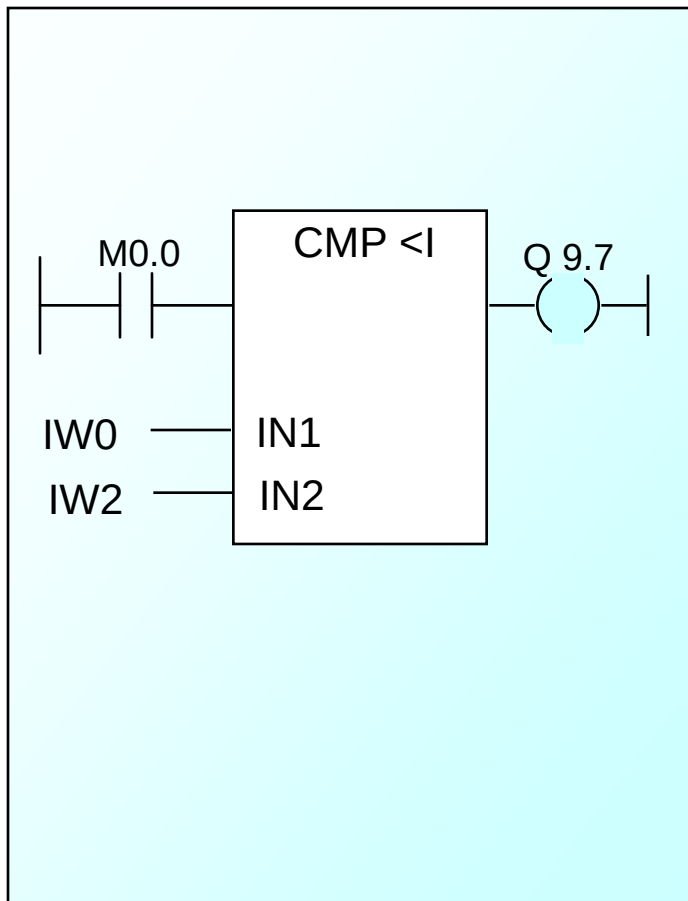


STL

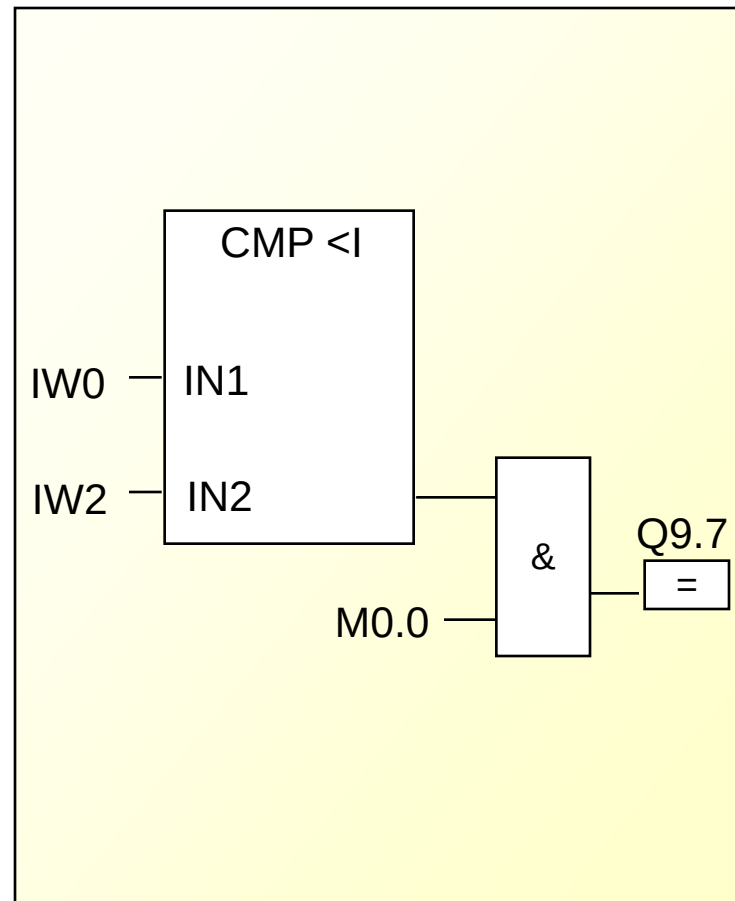


Comparison Operations کو چکتر

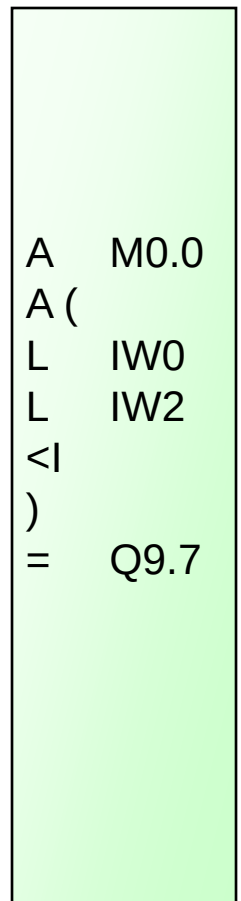
LAD



FBD

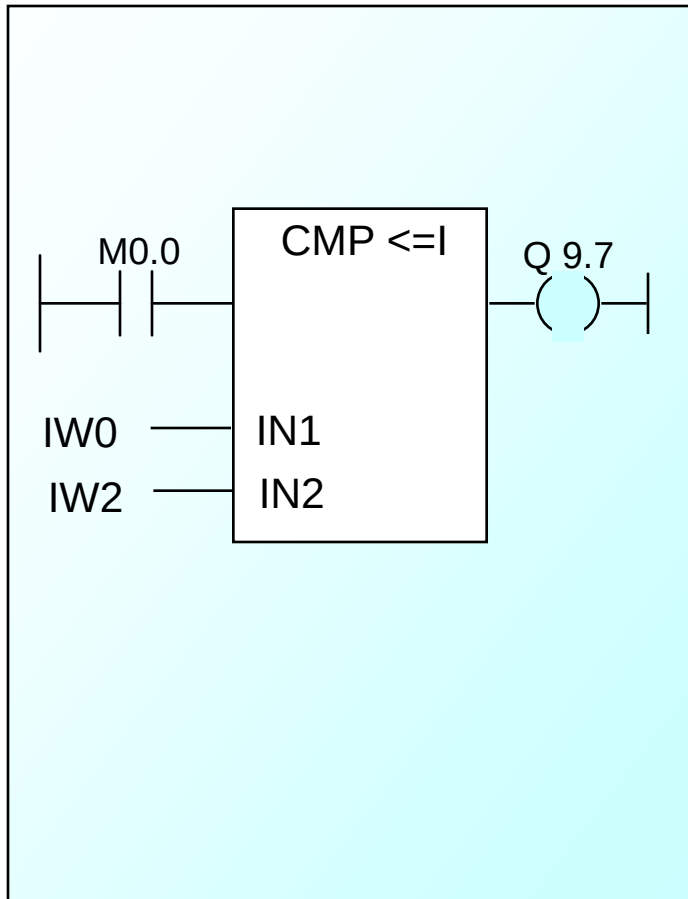


STL

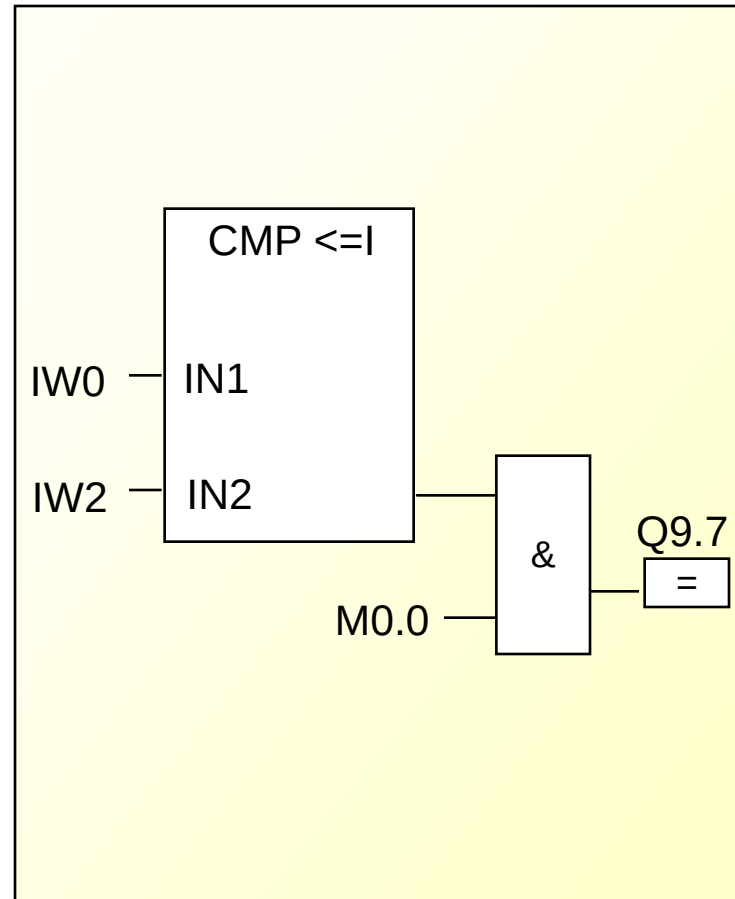


Comparison Operations کوچکتر مساوی

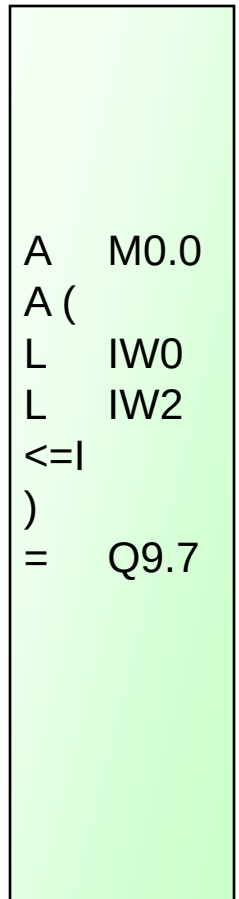
LAD



FBD



STL



$=|$, $<>|$, $>|$, $<|$, $>=|$, $<=|$

CC1	CC0	نتیجه
•	•	ACCU2-L=ACCU1-L
•	1	ACCU2-L<ACCU1-L
1	•	ACCU2-L>ACCU1-L

وضعیت Status Word

	BR	CC1	CC0	OV	OS	OR	STA	RLO	/FC
Writes	—	*	*	◆	—	◆	*	*	↷

$==D$, $<>D$, $>D$, $<D$, $>=D$, $<=D$

CC1	CC0	نتیجه
•	•	ACCU2=ACCU1
•	1	ACCU2<ACCU1
1	•	ACCU2>ACCU1

وضعیت Status Word

	BR	CC1	CC0	OV	OS	OR	STA	RLO	/FC
Writes	—	*	*	*	—	◆	*	*	↵

$==R$, $\lt\gt R$, $\gt R$, $\lt R$, $\geq R$, $\leq R$

CC1	CC0	نتیجه
•	•	ACCU2=ACCU1
•	1	ACCU2<ACCU1
1	•	ACCU2>ACCU1

وضعیت Status Word

	BR	CC1	CC0	OV	OS	OR	STA	RLO	/FC
Writes	—	*	*	*	*	◆	*	*	↵