

SCAN 

char equation[] = "10+11*2-8/2-13"

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	0	+	1	1	X	2	-	8	/	2	-	1	3	+	@	@

↑
扫描到符号，将之前
扫描到的数字（字符
数组）转换成整型，
放入sum

强制添加，以便能识
别最后一个数字

int sum[]

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
10	11	2	8	2	13	0	0	0	0	0	0	0	0	0	0	0

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0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	0	+	1	1	X	2	-	8	/	2	-	1	3	+	@	@

int sum[2:5]

2	3	4	5
2	-8	2	13

int sum[]

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
10	11	2	8	2	13	0	0	0	0	0	0	0	0	0	0	0

int sum[]

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
10	0	22	0	-4	-13	0	0	0	0	0	0	0	0	0	0	0

清零

清零

len

$$\text{Result} = \sum_{i=0}^{\text{len}} \text{sum}[i]$$

2nd SCAN