LR1分析表

状态	ACTION										
	func	key	id	int_num	char_str	+	-	*	/	=	(
0		shift 2	shift 3								
1											
2			shift 4								
3										shift 5	shif
4											
5			shift 10	shift 11							shif
6			shift 13	shift 14	shift 15						
7						reduce E -> A	reduce E -> A	shift 16	shift 17		
8						reduce A -> B	reduce A -> B	reduce A -> B	reduce A -> B		
9						shift 18	shift 19				
10						reduce B -> id	reduce B -> id	reduce B -> id	reduce B -> id		
11						reduce B -> int_num	reduce B -> int_num	reduce B -> int_num	reduce B -> int_num		
12			shift 23	shift 24							shif
13											
14											
15											
16			shift 10	shift 11							shif
17			shift 10	shift 11							shif
18			shift 10	shift 11							shif
19			shift 10	shift 11							shif
20						reduce E -> A	reduce E -> A	shift 33	shift 34		
21						reduce A -> B	reduce A -> B	reduce A -> B	reduce A -> B		
22						shift 35	shift 36				
23						reduce B -> id	reduce B -> id	reduce B -> id	reduce B -> id		
24						reduce B -> int_num	reduce B -> int_num	reduce B -> int_num	reduce B -> int_num		
25			shift 23	shift 24							shif
26											
27											
28											
29						reduce A -> A * B	reduce A -> A * B	reduce A -> A * B	reduce A -> A * B		
30						reduce A -> A / B	reduce A -> A / B	reduce A -> A / B	reduce A -> A / B		
31						reduce E -> E + A	reduce E -> E + A	shift 16	shift 17		
32						reduce E -> E - A	reduce E -> E - A	shift 16	shift 17		
33			shift 23	shift 24							shif
34			shift 23	shift 24							shif
35			shift 23	shift 24							shif
36			shift 23	shift 24							shif
37						reduce B -> (E)	reduce B -> (E)	reduce B -> (E)	reduce B -> (E)		
38						shift 35	shift 36				
39						reduce A -> A * B	reduce A -> A * B	reduce A -> A * B	reduce A -> A * B		
40						reduce A -> A / B	reduce A -> A / B	reduce A -> A / B	reduce A -> A / B		
41						reduce E -> E + A	reduce E -> E + A	shift 33	shift 34		
42						reduce E -> E - A	reduce E -> E - A	shift 33	shift 34		
43						reduce B -> (E)	reduce B -> (E)	reduce B -> (E)	reduce B -> (E)		

项目集规范族：

```
I0:
G' -> . S' , $
S' -> . key id , $
S' -> . id = E , $
S' -> . id ( id ) , $
S' -> . id ( int_num ) , $
S' -> . id ( char_str ) , $

I1:
G' -> S' . , $

I2:
S' -> key . id , $

I3:
S' -> id . = E , $
S' -> id . ( id ) , $
S' -> id . ( int_num ) , $
S' -> id . ( char_str ) , $

I4:
S' -> key id . , $
```

I5:
S' -> id = . E , $
E -> . E + A , $
E -> . E - A , $
E -> . A , $
E -> . E + A , +
E -> . E - A , +
E -> . A , +
E -> . E + A , -
E -> . E - A , -
E -> . A , -
A -> . A * B , $
A -> . A / B , $
A -> . B , $
A -> . A * B , +
A -> . A / B , +
A -> . B , +
A -> . A * B , -
A -> . A / B , -
A -> . B , -
A -> . A * B , *
A -> . A / B , *
A -> . B , *
A -> . A * B , /
A -> . A / B , /
A -> . B , /
B -> . (E) , $
B -> . id , $
B -> . int_num , $
B -> . (E) , +
B -> . id , +
B -> . int_num , +
B -> . (E) , -
B -> . id , -
B -> . int_num , -
B -> . (E) , *
B -> . id , *
B -> . int_num , *
B -> . (E) , /
B -> . id , /
B -> . int_num , /

I6:
S' -> id (. id) , $
S' -> id (. int_num) , $
S' -> id (. char_str) , $

I7:
E -> A . , $
E -> A . , +
E -> A . , -
A -> A . * B , $
A -> A . / B , $
A -> A . * B , +
A -> A . / B , +
A -> A . * B , -
A -> A . / B , -
A -> A . * B , *
A -> A . / B , *
A -> A . * B , /
A -> A . / B , /

I8:
A -> B . , $
A -> B . , +
A -> B . , -
A -> B . , *
A -> B . , /

I9:
S' -> id = E . , $
E -> E . + A , $
E -> E . - A , $
E -> E . + A , +
E -> E . - A , +
E -> E . + A , -
E -> E . - A , -

I10:
B -> id . , $
B -> id . , +
B -> id . , -
B -> id . , *
B -> id . , /

I11:
B -> int_num . , $
B -> int_num . , +

B -> int_num . , -
B -> int_num . , *
B -> int_num . , /

I12:
B -> (. E) , $
B -> (. E) , +
B -> (. E) , -
B -> (. E) , *
B -> (. E) , /
E -> . E + A ,)
E -> . E - A ,)
E -> . A ,)
E -> . E + A , +
E -> . E - A , +
E -> . A , +
E -> . E + A , -
E -> . E - A , -
E -> . A , -
A -> . A * B ,)
A -> . A / B ,)
A -> . B ,)
A -> . A * B , +
A -> . A / B , +
A -> . B , +
A -> . A * B , -
A -> . A / B , -
A -> . B , -
A -> . A * B , *
A -> . A / B , *
A -> . B , *
A -> . A * B , /
A -> . A / B , /
A -> . B , /
B -> . (E) ,)
B -> . id ,)
B -> . int_num ,)
B -> . (E) , +
B -> . id , +
B -> . int_num , +
B -> . (E) , -
B -> . id , -
B -> . int_num , -
B -> . (E) , *
B -> . id , *
B -> . int_num , *
B -> . (E) , /
B -> . id , /
B -> . int_num , /

I13:
S' -> id (id .) , $

I14:
S' -> id (int_num .) , $

I15:
S' -> id (char_str .) , $

I16:
A -> A * . B , $
A -> A * . B , +
A -> A * . B , -
A -> A * . B , *
A -> A * . B , /
B -> . (E) , $
B -> . id , $
B -> . int_num , $
B -> . (E) , +
B -> . id , +
B -> . int_num , +
B -> . (E) , -
B -> . id , -
B -> . int_num , -
B -> . (E) , *
B -> . id , *
B -> . int_num , *
B -> . (E) , /
B -> . id , /
B -> . int_num , /

I17:
A -> A / . B , $
A -> A / . B , +
A -> A / . B , -
A -> A / . B , *
A -> A / . B , /
B -> . (E) , $
B -> . id , $

```
B -> . int_num , $
B -> . ( E ) , +
B -> . id , +
B -> . int_num , +
B -> . ( E ) , -
B -> . id , -
B -> . int_num , -
B -> . ( E ) , *
B -> . id , *
B -> . int_num , *
B -> . ( E ) , /
B -> . id , /
B -> . int_num , /

I18:
E -> E + . A , $
E -> E + . A , +
E -> E + . A , -
A -> . A * B , $
A -> . A / B , $
A -> . B , $
A -> . A * B , +
A -> . A / B , +
A -> . B , +
A -> . A * B , -
A -> . A / B , -
A -> . B , -
A -> . A * B , *
A -> . A / B , *
A -> . B , *
A -> . A * B , /
A -> . A / B , /
A -> . B , /
B -> . ( E ) , $
B -> . id , $
B -> . int_num , $
B -> . ( E ) , +
B -> . id , +
B -> . int_num , +
B -> . ( E ) , -
B -> . id , -
B -> . int_num , -
B -> . ( E ) , *
B -> . id , *
B -> . int_num , *
B -> . ( E ) , /
B -> . id , /
B -> . int_num , /

I19:
E -> E - . A , $
E -> E - . A , +
E -> E - . A , -
A -> . A * B , $
A -> . A / B , $
A -> . B , $
A -> . A * B , +
A -> . A / B , +
A -> . B , +
A -> . A * B , -
A -> . A / B , -
A -> . B , -
A -> . A * B , *
A -> . A / B , *
A -> . B , *
A -> . A * B , /
A -> . A / B , /
A -> . B , /
B -> . ( E ) , $
B -> . id , $
B -> . int_num , $
B -> . ( E ) , +
B -> . id , +
B -> . int_num , +
B -> . ( E ) , -
B -> . id , -
B -> . int_num , -
B -> . ( E ) , *
B -> . id , *
B -> . int_num , *
B -> . ( E ) , /
B -> . id , /
B -> . int_num , /

I20:
E -> A . , )
E -> A . , +
E -> A . , -
A -> A . * B , )
```

A -> A . / B ,)
A -> A . * B , +
A -> A . / B , +
A -> A . * B , -
A -> A . / B , -
A -> A . * B , *
A -> A . / B , *
A -> A . * B , /
A -> A . / B , /

I21:
A -> B . ,)
A -> B . , +
A -> B . , -
A -> B . , *
A -> B . , /

I22:
B -> (E .) , $
B -> (E .) , +
B -> (E .) , -
B -> (E .) , *
B -> (E .) , /
E -> E . + A ,)
E -> E . - A ,)
E -> E . + A , +
E -> E . - A , +
E -> E . + A , -
E -> E . - A , -

I23:
B -> id . ,)
B -> id . , +
B -> id . , -
B -> id . , *
B -> id . , /

I24:
B -> int_num . ,)
B -> int_num . , +
B -> int_num . , -
B -> int_num . , *
B -> int_num . , /

I25:
B -> (. E) ,)
B -> (. E) , +
B -> (. E) , -
B -> (. E) , *
B -> (. E) , /
E -> . E + A ,)
E -> . E - A ,)
E -> . A ,)
E -> . E + A , +
E -> . E - A , +
E -> . A , +
E -> . E + A , -
E -> . E - A , -
E -> . A , -
A -> . A * B ,)
A -> . A / B ,)
A -> . B ,)
A -> . A * B , +
A -> . A / B , +
A -> . B , +
A -> . A * B , -
A -> . A / B , -
A -> . B , -
A -> . A * B , *
A -> . A / B , *
A -> . B , *
A -> . A * B , /
A -> . A / B , /
A -> . B , /
B -> . (E) ,)
B -> . id ,)
B -> . int_num ,)
B -> . (E) , +
B -> . id , +
B -> . int_num , +
B -> . (E) , -
B -> . id , -
B -> . int_num , -
B -> . (E) , *
B -> . id , *
B -> . int_num , *
B -> . (E) , /
B -> . id , /
B -> . int_num , /

I26:
S' -> id (id) . , $

I27:
S' -> id (int_num) . , $

I28:
S' -> id (char_str) . , $

I29:
A -> A * B . , $
A -> A * B . , +
A -> A * B . , -
A -> A * B . , *
A -> A * B . , /

I30:
A -> A / B . , $
A -> A / B . , +
A -> A / B . , -
A -> A / B . , *
A -> A / B . , /

I31:
E -> E + A . , $
E -> E + A . , +
E -> E + A . , -
A -> A . * B , $
A -> A . / B , $
A -> A . * B , +
A -> A . / B , +
A -> A . * B , -
A -> A . / B , -
A -> A . * B , *
A -> A . / B , *
A -> A . * B , /
A -> A . / B , /

I32:
E -> E - A . , $
E -> E - A . , +
E -> E - A . , -
A -> A . * B , $
A -> A . / B , $
A -> A . * B , +
A -> A . / B , +
A -> A . * B , -
A -> A . / B , -
A -> A . * B , *
A -> A . / B , *
A -> A . * B , /
A -> A . / B , /

I33:
A -> A * . B ,)
A -> A * . B , +
A -> A * . B , -
A -> A * . B , *
A -> A * . B , /
B -> . (E) ,)
B -> . id ,)
B -> . int_num ,)
B -> . (E) , +
B -> . id , +
B -> . int_num , +
B -> . (E) , -
B -> . id , -
B -> . int_num , -
B -> . (E) , *
B -> . id , *
B -> . int_num , *
B -> . (E) , /
B -> . id , /
B -> . int_num , /

I34:
A -> A / . B ,)
A -> A / . B , +
A -> A / . B , -
A -> A / . B , *
A -> A / . B , /
B -> . (E) ,)
B -> . id ,)
B -> . int_num ,)
B -> . (E) , +
B -> . id , +
B -> . int_num , +
B -> . (E) , -

B -> . id , -
B -> . int_num , -
B -> . (E) , *
B -> . id , *
B -> . int_num , *
B -> . (E) , /
B -> . id , /
B -> . int_num , /

I35:
E -> E + . A ,)
E -> E + . A , +
E -> E + . A , -
A -> . A * B ,)
A -> . A / B ,)
A -> . B ,)
A -> . A * B , +
A -> . A / B , +
A -> . B , +
A -> . A * B , -
A -> . A / B , -
A -> . B , -
A -> . A * B , *
A -> . A / B , *
A -> . B , *
A -> . A * B , /
A -> . A / B , /
A -> . B , /
B -> . (E) ,)
B -> . id ,)
B -> . int_num ,)
B -> . (E) , +
B -> . id , +
B -> . int_num , +
B -> . (E) , -
B -> . id , -
B -> . int_num , -
B -> . (E) , *
B -> . id , *
B -> . int_num , *
B -> . (E) , /
B -> . id , /
B -> . int_num , /

I36:
E -> E - . A ,)
E -> E - . A , +
E -> E - . A , -
A -> . A * B ,)
A -> . A / B ,)
A -> . B ,)
A -> . A * B , +
A -> . A / B , +
A -> . B , +
A -> . A * B , -
A -> . A / B , -
A -> . B , -
A -> . A * B , *
A -> . A / B , *
A -> . B , *
A -> . A * B , /
A -> . A / B , /
A -> . B , /
B -> . (E) ,)
B -> . id ,)
B -> . int_num ,)
B -> . (E) , +
B -> . id , +
B -> . int_num , +
B -> . (E) , -
B -> . id , -
B -> . int_num , -
B -> . (E) , *
B -> . id , *
B -> . int_num , *
B -> . (E) , /
B -> . id , /
B -> . int_num , /

I37:
B -> (E) . , $
B -> (E) . , +
B -> (E) . , -
B -> (E) . , *
B -> (E) . , /

I38:
B -> (E .) ,)
B -> (E .) , +

B -> (E .) , -
B -> (E .) , *
B -> (E .) , /
E -> E . + A ,)
E -> E . - A ,)
E -> E . + A , +
E -> E . - A , +
E -> E . + A , -
E -> E . - A , -

I39:
A -> A * B . ,)
A -> A * B . , +
A -> A * B . , -
A -> A * B . , *
A -> A * B . , /

I40:
A -> A / B . ,)
A -> A / B . , +
A -> A / B . , -
A -> A / B . , *
A -> A / B . , /

I41:
E -> E + A . ,)
E -> E + A . , +
E -> E + A . , -
A -> A . * B ,)
A -> A . / B ,)
A -> A . * B , +
A -> A . / B , +
A -> A . * B , -
A -> A . / B , -
A -> A . * B , *
A -> A . / B , *
A -> A . * B , /
A -> A . / B , /

I42:
E -> E - A . ,)
E -> E - A . , +
E -> E - A . , -
A -> A . * B ,)
A -> A . / B ,)
A -> A . * B , +
A -> A . / B , +
A -> A . * B , -
A -> A . / B , -
A -> A . * B , *
A -> A . / B , *
A -> A . * B , /
A -> A . / B , /

I43:
B -> (E) . ,)
B -> (E) . , +
B -> (E) . , -
B -> (E) . , *
B -> (E) . , /