Wikipedia simple grammar to demonstrate LR parsing

```
(1)  E → E * B
(2)  E → E + B
(3)  E → B
(4)  B → 0
(5)  B → 1
```

Action and goto tables

The two LR(0) parsing tables for this grammar look as follows:

State	action						goto	
	*	+	0	1	$		E	B
0			s1	s2			3	4
1	r4	r4	r4	r4	r4			
2	r5	r5	r5	r5	r5			
3	s5	s6			acc			
4	r3	r3	r3	r3	r3			
5			s1	s2				7
6			s1	s2				8
7	r1	r1	r1	r1	r1			
8	r2	r2	r2	r2	r2			