Reduction rules	
#	rule
0	Success ::= ^ <configuration-file> * $
1	<configuration-file> ::= ^ <object>
2	<configuration-file> ::= ^ <settings-list>
3	<object> ::= '{' <settings-list> '}'
4	<object> ::= '{' '}'
5	<settings-list> ::= <setting>
6	<settings-list> ::= <item-separators>
7	<settings-list> ::= <setting> <item-separators>
8	<settings-list> ::= <settings-list> <setting>
9	<settings-list> ::= <settings-list> <item-separators>
10	<settings-list> ::= <settings-list> <setting> <item-separators>
11	<setting> ::= <setting-name> '=' <setting-value>
12	<setting-value> ::= <value>
13	<setting-value> ::= <object>
14	<setting-value> ::= <array>
15	<array> ::= '[' <values-list> ']'
16	<array> ::= '[' ']'
17	<values-list> ::= <value>
18	<values-list> ::= <item-separators>
19	<values-list> ::= <value> <item-separators>
20	<values-list> ::= <values-list> <value>
21	<values-list> ::= <values-list> <item-separators>
22	<values-list> ::= <values-list> <value> <item-separators>
23	<item-separators> ::= ','
24	<item-separators> ::= ';'
25	<value> ::= <decimal-integer>
26	<value> ::= <hexadecimal-integer>
27	<value> ::= <binary-integer>
28	<value> ::= <boolean>
29	<value> ::= <string>

State	Current Rule	','	';'	'{'	'}'	'['	']'	'='	$	setting-name	decimal-integer	hexadecimal-integer	binary-integer	boolean	string	configuration-file	object	settings-list	item-separators	setting	array	setting-value	value-list	value
0	`<configuration-file> ::= ^ * <object>` `<configuration-file> ::= ^ * <settings-list>`	shift(6)	shift(7)	shift(4)						shift(14)						3	1	2	8	10				
1	`<configuration-file> ::= ^ <object> *`								reduce(1)															
2	`<configuration-file> ::= ^ <settings-list> *`	shift(6)	shift(7)						reduce(2)	shift(14)									9	12				
3	`Success ::= ^ <configuration-file> * $`								accept															
4	`<object> ::= '{' * <settings-list> '}'`	shift(6)	shift(7)		shift(33)					shift(14)								5	8	10				
5	`<object> ::= '{' <settings-list> * '}'`	shift(6)	shift(7)		shift(34)					shift(14)									9	12				
6	`<item-separators> ::= ',' *`	reduce(23)	reduce(23)		reduce(23)		reduce(23)		reduce(23)	reduce(23)	reduce(23)	reduce(23)	reduce(23)	reduce(23)	reduce(23)									
7	`<item-separators> ::= ';' *`	reduce(24)	reduce(24)		reduce(24)		reduce(24)		reduce(24)	reduce(24)	reduce(24)	reduce(24)	reduce(24)	reduce(24)	reduce(24)									
8	`<settings-list> ::= <item-separators> *`	reduce(6)	reduce(6)		reduce(6)				reduce(6)	reduce(6)														
9	`<settings-list> ::= <settings-list> <item-separators> *`	reduce(9)	reduce(9)		reduce(9)				reduce(9)	reduce(9)														
10	`<settings-list> ::= <setting> * <item-separators>`	shift(6)	shift(7)		reduce(5)				reduce(5)										11					
11	`<settings-list> ::= <setting> <item-separators> *`	reduce(7)	reduce(7)		reduce(7)				reduce(7)	reduce(7)														
12	`<settings-list> ::= <settings-list> <setting> * <item-separators>`	shift(6)	shift(7)		reduce(8)				reduce(8)										13					
13	`<settings-list> ::= <settings-list> <setting> <item-separators> *`	reduce(10)	reduce(10)		reduce(10)				reduce(10)	reduce(10)														
14	`<setting> ::= <setting-name> * '=' <setting-value>`							shift(15)																
15	`<setting> ::= <setting-name> '=' * <setting-value>`			shift(4)		shift(25)					shift(20)	shift(21)	shift(22)	shift(23)	shift(24)		18				19	16		17
16	`<setting> ::= <setting-name> '=' <setting-value> *`	reduce(11)	reduce(11)		reduce(11)				reduce(11)															
17	`<setting-value> ::= <value> *`	reduce(12)	reduce(12)		reduce(12)				reduce(12)															
18	`<setting-value> ::= <object> *`	reduce(13)	reduce(13)		reduce(13)				reduce(13)															
19	`<setting-value> ::= <array> *`	reduce(14)	reduce(14)		reduce(14)				reduce(14)															
20	`<value> ::= <decimal-integer> *`	reduce(25)	reduce(25)		reduce(25)		reduce(25)		reduce(25)															
21	`<value> ::= <hexadecimal-integer> *`	reduce(26)	reduce(26)		reduce(26)		reduce(26)		reduce(26)															
22	`<value> ::= <binary-integer> *`	reduce(27)	reduce(27)		reduce(27)		reduce(27)		reduce(27)															
23	`<value> ::= <boolean> *`	reduce(28)	reduce(28)		reduce(28)		reduce(28)		reduce(28)															
24	`<value> ::= <string> *`	reduce(29)	reduce(29)		reduce(29)		reduce(29)		reduce(29)															
25	`<array> ::= '[' * <values-list>? ']'`	shift(6)	shift(7)				shift(35)				shift(20)	shift(21)	shift(22)	shift(23)	shift(24)				27				26	29
26	`<array> ::= '[' <values-list> * ']'`	shift(6)	shift(7)				shift(36)				shift(20)	shift(21)	shift(22)	shift(23)	shift(24)				28				26	31
27	`<values-list> ::= <item-separators> *`	reduce(18)	reduce(18)				reduce(18)				reduce(18)	reduce(18)	reduce(18)	reduce(18)	reduce(18)									
28	`<values-list> ::= <values-list> <item-separators> *`	reduce(21)	reduce(21)				reduce(21)				reduce(21)	reduce(21)	reduce(21)	reduce(21)	reduce(21)									
29	`<values-list> ::= <value> * <item-separators>`	shift(6)	shift(7)				reduce(17)												30					
30	`<values-list> ::= <value> <item-separators> *`	reduce(19)	reduce(19)				reduce(19)				reduce(19)	reduce(19)	reduce(19)	reduce(19)	reduce(19)									
31	`<values-list> ::= <values-list> <value> * <item-separators>`	shift(6)	shift(7)				reduce(20)												32					
32	`<values-list> ::= <values-list> <value> <item-separators> *`	reduce(22)	reduce(22)				reduce(22)				reduce(22)	reduce(22)	reduce(22)	reduce(22)	reduce(22)									
33	`<object> ::= '{' '}' *`	reduce(4)	reduce(4)		reduce(4)				reduce(4)															
34	`<object> ::= '{' <settings-list> '}' *`	reduce(3)	reduce(3)		reduce(3)				reduce(3)															
35	`<array> ::= '[' ']' *`	reduce(16)	reduce(16)		reduce(16)				reduce(16)															
36	`<array> ::= '[' <values-list> ']' *`	reduce(15)	reduce(15)		reduce(15)				reduce(15)															