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

State	Current Rule	Action													Goto									
State		9	- ';'	Τ'	'}'	'I'	'l'	'='	\$	setting-name	e decimal-integer	hexadecimal-integer	binary-intege	r boolean	string	configuration-file	object	settings-list	item-separators	setting	array	setting-value	value-list	value
	<pre><configuration-file> ::= ^ * <object></object></configuration-file></pre>			shift(4)												3	1							
U	<configuration-file> ::= ^ * <settings-list></settings-list></configuration-file>	shift(6)	shift(7)							shift(14)						3		2	8	10			T	
1	<configuration-file> ::= ^ <object> *</object></configuration-file>								reduce(1)															
2	<configuration-file> ::= ^ <settings-list> *</settings-list></configuration-file>	shift(6) s	shift(7)						reduce(2)	shift(14)								2	9	12				
3	Success ::= ^ <configuration-file> * \$</configuration-file>								accept															
4	<object> ::= '{' * <settings-list>? '}'</settings-list></object>	shift(6)	shift(7)		shift(33)				·	shift(14)								5	8	10				
5	<object> ::= '{' <settings-list> * '}'</settings-list></object>	shift(6) s	shift(7)		shift(34)					shift(14)								5	9	12				
6	<item-separators> ::= ',' *</item-separators>	reduce(23) r	reduce(23)		reduce(23)	n	educe(23)		reduce(23)	reduce(23)	reduce(23)	reduce(23)	reduce(23)	reduce(23)	reduce(23)									
7	<item-separators> ::= ';' *</item-separators>	reduce(24) r	reduce(24)		reduce(24)	n	educe(24)		reduce(24)	reduce(24)	reduce(24)	reduce(24)	reduce(24)	reduce(24)	reduce(24)									
8	<settings-list> ::= <item-separators> *</item-separators></settings-list>	reduce(6) r	reduce(6)		reduce(6)				reduce(6)	reduce(6)														
9	<settings-list> ::= <settings-list> <item-separators> *</item-separators></settings-list></settings-list>	reduce(9) r	reduce(9)		reduce(9)				reduce(9)	reduce(9)														
10	<settings-list> ::= <setting> * <item-separators></item-separators></setting></settings-list>	shift(6) s	shift(7)		reduce(5)				reduce(5)										11					
11	<settings-list> ::= <setting> <item-separators> *</item-separators></setting></settings-list>	reduce(7) r	reduce(7)		reduce(7)				reduce(7)	reduce(7)														
12	<settings-list> ::= <settings-list> <setting> * <item-separators></item-separators></setting></settings-list></settings-list>	shift(6) s	shift(7)		reduce(8)				reduce(8)										13					
13	<settings-list> ::= <settings-list> <setting> <item-separators> *</item-separators></setting></settings-list></settings-list>	reduce(10) r	reduce(10)		reduce(10)				reduce(10)	reduce(10)														
14	<setting> ::= <setting-name> * '=' <setting-value></setting-value></setting-name></setting>							shift(15)																
15	<setting> ::= <setting-name> '=' * <setting-value></setting-value></setting-name></setting>			shift(4)		shift(25)					shift(20)	shift(21)	shift(22)	shift(23)	shift(24)		18				19	16		17
16	<setting> ::= <setting-name> '=' <setting-value> *</setting-value></setting-name></setting>	reduce(11) r	reduce(11)		reduce(11)				reduce(11)															
17	<setting-value> ::= <value> *</value></setting-value>	reduce(12) r	reduce(12)		reduce(12)				reduce(12)															
18	<setting-value> ::= <object> *</object></setting-value>	reduce(13) r	reduce(13)		reduce(13)				reduce(13)															
19	<setting-value> ::= <array> *</array></setting-value>	reduce(14) r	reduce(14)		reduce(14)				reduce(14)															
20	<value> ::= <decimal-integer> *</decimal-integer></value>	reduce(25) r	reduce(25)		reduce(25)	re	educe(25)		reduce(25)														1	
21	<value> ::= <hexadecimal-integer> *</hexadecimal-integer></value>	reduce(26) r	reduce(26)		reduce(26)	r	educe(26)		reduce(26)															
22	<value> ::= <binary-integer> *</binary-integer></value>	reduce(27) r	reduce(27)		reduce(27)	r	educe(27)		reduce(27)															
23	<value> ::= <boolean> *</boolean></value>		reduce(28)		reduce(28)	n	educe(28)		reduce(28)															
24	<value> ::= <string> *</string></value>	reduce(29) r	reduce(29)		reduce(29)	re	educe(29)		reduce(29)														1	
25	<array> ::= '[' * <values-list>? ']'</values-list></array>	shift(6)	shift(7)			s	hift(35)					shift(21)	shift(22)		shift(24)				27				26	29
26	<array> ::= '[' <values-list> * ']'</values-list></array>	shift(6) s	shift(7)			s	hift(36)				shift(20)	shift(21)	shift(22)	shift(23)	shift(24)				28				26	31
27	<values-list> ::= <item-separators> *</item-separators></values-list>	reduce(18) r	reduce(18)			n	educe(18)				reduce(18)	reduce(18)	reduce(18)		reduce(18)									
28	<values-list> ::= <values-list> <item-separators> *</item-separators></values-list></values-list>	reduce(21) r	reduce(21)			re	educe(21)				reduce(21)	reduce(21)	reduce(21)	reduce(21)	reduce(21)								1	
29	<values-list> ::= <value> * <item-separators></item-separators></value></values-list>	shift(6)	shift(7)			r	educe(17)												30					
30	<values-list> ::= <value> <item-separators> *</item-separators></value></values-list>	reduce(19) r				n	educe(19)				reduce(19)	reduce(19)	reduce(19)	reduce(19)	reduce(19)									
31	<values-list> ::= <values-list> <value> * <item-separators></item-separators></value></values-list></values-list>	shift(6)	shift(7)			n	educe(20)												32					
32	<values-list> ::= <values-list> <value> <item-separators> *</item-separators></value></values-list></values-list>	reduce(22) r	reduce(22)			n	educe(22)				reduce(22)	reduce(22)	reduce(22)	reduce(22)	reduce(22)									
33	<object> ::= '{' '}' *</object>	reduce(4) r	reduce(4)		reduce(4)				reduce(4)															
34	<object> ::= '{' <settings-list> '}' *</settings-list></object>	reduce(3) r	reduce(3)		reduce(3)				reduce(3)															
	<array> ::= '[' ']' *</array>	reduce(16) r			reduce(16)				reduce(16)															
36	<array> ::= '[' <values-list> ']' *</values-list></array>	reduce(15) r	reduce(15)		reduce(15)				reduce(15)															