THE ORIGINAL GRAMMAR Without EBNF, |, {}, and Recursion Also Includes Additional States A, J, C, H, and B

<pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>	\rightarrow	program <identifier> ; var <dec-list> begin <stat-list> end.</stat-list></dec-list></identifier>
<identifier></identifier>	\rightarrow	<letter> A</letter>
А	\rightarrow	<letter> A</letter>
Α	\rightarrow	<digit> A</digit>
Α	\rightarrow	λ
<dec-list></dec-list>	\rightarrow	<dec> : <type> ;</type></dec>
<dec></dec>	\rightarrow	<identifier> J</identifier>
J	\rightarrow	, <dec></dec>
J	\rightarrow	λ
<type></type>	\rightarrow	integer
<stat-list></stat-list>	\rightarrow	<stat> C</stat>
С	\rightarrow	<stat-list></stat-list>
С	\rightarrow	λ
<stat></stat>	\rightarrow	<write></write>
<stat></stat>	\rightarrow	<assign></assign>
<write></write>	\rightarrow	display (H) ;
Н	\rightarrow	"value=" , <identifier></identifier>
Н	\rightarrow	<identifier></identifier>
<assign></assign>	\rightarrow	<identifier> = <expr> ;</expr></identifier>
<expr></expr>	\rightarrow	<term> <expr>'</expr></term>
<expr>'</expr>	\rightarrow	+ <term> <expr>'</expr></term>
<expr>'</expr>	\rightarrow	- <term> <expr>'</expr></term>
<expr>'</expr>	\rightarrow	λ
<term></term>	\rightarrow	<factor> <term>'</term></factor>
<term>'</term>	\rightarrow	* <factor> <term>'</term></factor>
<term>'</term>	\rightarrow	/ <factor> <term>'</term></factor>
<term>'</term>	\rightarrow	λ
<factor></factor>	\rightarrow	(<expr>)</expr>
<factor></factor>	\rightarrow	<identifier></identifier>

<factor></factor>	\rightarrow	<number></number>
<number></number>	\rightarrow	<sign> <digit> B</digit></sign>
В	\rightarrow	<digit> B</digit>
В	\rightarrow	λ
<sign></sign>	\rightarrow	+
<sign></sign>	\rightarrow	-
<sign></sign>	\rightarrow	λ
<digit></digit>	\rightarrow	0
<digit></digit>	\rightarrow	1
<digit></digit>	\rightarrow	2
<digit></digit>	\rightarrow	3
<digit></digit>	\rightarrow	4
<digit></digit>	\rightarrow	5
<digit></digit>	\rightarrow	6
<digit></digit>	\rightarrow	7
<digit></digit>	\rightarrow	8
<digit></digit>	\rightarrow	9
<letter></letter>	\rightarrow	р
<letter></letter>	\rightarrow	q
<letter></letter>	\rightarrow	r
<letter></letter>	\rightarrow	s