

$\text{ElemList} \rightarrow \text{NUM } \text{ElemList2}$

$\text{ListRec-ElemList}()$

{
 $\text{List } v1;$
 $\text{List } v2;$

$\text{rec-term}(\text{NUM});$
 $v1 = \text{lex var};$
 $v2 = \text{rec-ElemList}();$
 $\text{return const}(v1, v2);$

GRUPO X

num1	name1	
num2	name2	
num3	name3	NOTA

GJC correta

$T_p \rightarrow " <tp> " \text{ GList} " </tp> "$
 $\text{GList} \rightarrow \text{Grupo } \text{GList}$

| E

$\text{Grupo} \rightarrow " <g> " \text{ Id } \text{Alist } \text{Nota} " </g> "$

$\text{Id} \rightarrow " <id> " \text{ STR} " </id> "$

$\text{Alist} \rightarrow \text{Aluno } \text{Alist2}$

$\text{Alist2} \rightarrow E$

| Alist

$\text{Aluno} \rightarrow " <a> " \text{ Numero } \text{Nome} " "$

$\text{Numero} \rightarrow " <n> " \text{ NUM} " </n> "$

$\text{Nome} \rightarrow " <name> " \text{ STR} " </name> "$

Gramática
abstracta

$T_p \rightarrow \text{GList}$
 $\text{GList} \rightarrow \text{Grupo } \text{GList}$

| E

$\text{Grupo} \rightarrow \text{STR } \text{Alist } \text{NUM}$

$\text{Alist} \rightarrow \text{Aluno } \text{Alist2}$

$\text{Alist2} \rightarrow \text{Alist}$

| E

$\text{Aluno} \rightarrow \text{NUM } \text{STR}$

$\text{Alist} \rightarrow \text{Aluno } \text{Alist}$

| E