1. <program> -> <module signature>CURL\_BRAC\_OPEN<statements>CURL\_BRAC\_CLOSE
2. <module signature> -> ID BRAC\_OPEN BRAC\_CLOSE
3. <type> -> INTEGER | REAL | BOOLEAN
4. <statements> -> <statement> <statements> | e
5. <statement> -> <declaration stat> | <assignment stat>
6. <declaration stat> -> DECLARE <list\_id> | ID COLON <rec array type> | <jagged array type> | <normal type>
7. <list\_id> -> LIST OF VARIABLES <ids>
8. <normal type> -> <type> SEMICOL
9. <ids> -> ID <ids> | ID
10. <rec array type> -> ARRAY <rec ranges> OF <type> SEMICOL
11. <one> -> SQUOPEN <rec range> SQUCLOSE
12. <rec ranges> -> <one> <rec ranges> | <one>
13. <rec range> -> <range var> RANGEOP <range var>
14. <range var> -> ID | NUM
15. <jagged array type> -> JAGGED ARRAY <jagged ranges> OF <type> SEMICOL <jagged values>
16. <jagged ranges> -> SQUOPEN <jag range> SQUCLOSE SQUOPEN SQUCLOSE | SQUOPEN <jag range> SQUCLOSE SQUOPEN SQUCLOSE SQUOPEN SQUCLOSE
17. <type> -> INTEGER | REAL | BOOLEAN
18. <jag range> -> NUM RANGEOP NUM
19. <two> -> R1 SQUOPEN NUM SQUCLOSE COLON SIZE NUM COLON VALUES <jagged values next>
20. <jagged values> -> <two> <jagged values> | <two>
21. <jagged values next> -> CURLOPEN <next dims> CURLCLOSE
22. <next dims> -> <next dim> SEMICOL <next dims> | <next dim>
23. <next dim> -> NUM <next dim> | NUM
24. <assignment stat> -> ID EQUAL <expression>
25. <expression> -> <plus var> | <expression> <plus minus> <expression>
26. <plus minus> -> PLUS | MINUS
27. <expression> -> <mul var> | <expression> <mul div> <expression>
28. <mul div> -> MULTIPLY | DIVIDE
29. <expression> -> <bool var> | <expression> <and or> <expression>
30. <and or> -> AND | OR
31. <plus var> -> RNUM | NUM | ID | <array id>
32. <bool var> -> BOOL | ID | <array id>
33. <array id> -> ID SQUOPEN <array indexes> SQUCLOSE
34. <three> -> ID | NUM
35. <array indexes> -> <three> <array indexes> | <three>

DO ARRAY ADDITION