



1. Create FunctionDirectory
2. Add ID name, type void, and kind program to FunctionDirectory
3. Delete FunctionDirectory and current VariablesTable
4. If current Function doesn't have VariablesTable, create it and link it to current Function
5. Search for ID name in VariablesTable, if found, display ERROR, if not found, add ID name and current type to VariablesTable
6. Change type of ID name to array of current type
7. CurrentType = type
8. CurrentType = void
9. Search for ID name in FunctionDirectory, if found, display ERROR, if not found, add ID name and current type to FunctionDirectory
10. Create VariablesTable and link to current Function
11. Search for ID name in VariablesTable, if found, display ERROR, if not found, add ID name and current type to VariablesTable
12. Delete current VariablesTable
13. Check if CurrentType equals ID type, if true, add ExpressionValue to ID value, if false, display ERROR