



* * CONCERNING VARIABLE NAMES

- * No variable name may be double-declared (twice) in the same scope
 - o for example: No string X and also number X
- * The declaration of a wed variable name must be found either within that name's own scope, or in any higher ancestor scope.
 - in two different scopes, then the "nearest" declaration is the relevant declaration for that variable.
- * Every ased variable name must have a declaration.
- * No variable anywhere in the RecSPL program may have a name that is also used as a Function name anywhere in the program
- No variable name anywhere in the RecSPL program may be identical with any Reserved Keyword
- * Two variables with the same name are different computational entities if they are rooted in different scopes
- * Your Compiler's SEMANTK ANALYSIS MODULE must throw an Error Report (if) any of the Semantic rules of above are violated