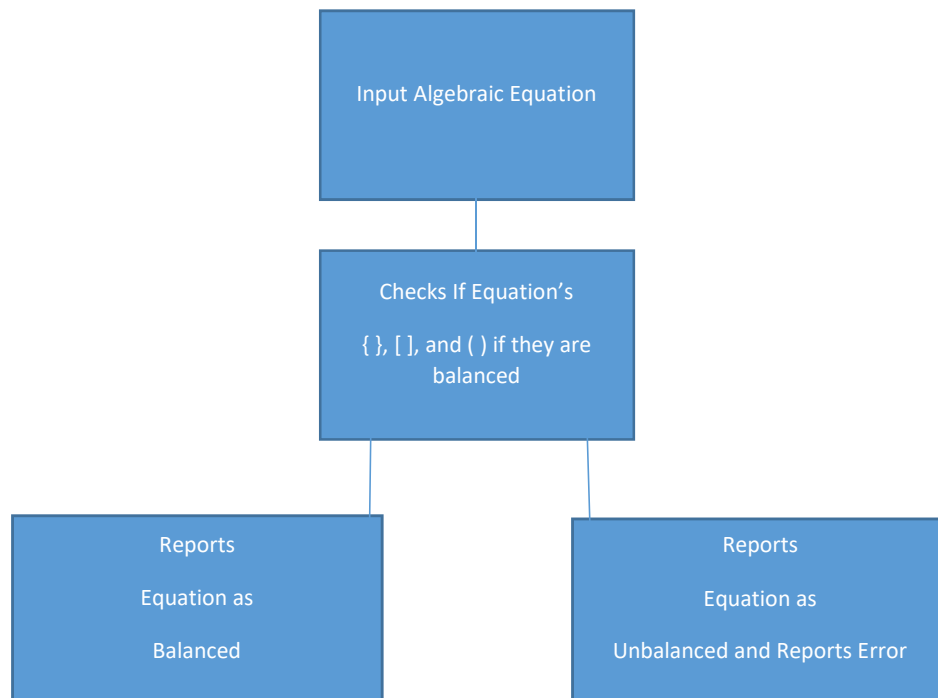


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COSC 2436

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### Design Document A3



#### Purpose:

Program will use a stack structure to check for correct placement of parentheses in an algebraic expression.

#### Pseudo Code:

- ) Operator inputs algebraic equation
- ) Program Checks if equation's { }, [ ], and ( ) if they are balanced
- ) Program either reports equation as balanced or reports equation as unbalanced with what kind of error