LABELS AND ADDRESSES

FOR:
    LABELS (FIXED, RELOCATABLE)
    VARIABLES (INTEGER, STRING)

ISSUE A WARNING IF AN ADDRESS IS
BASED ON $ BUT CANNOT BE RELOCATED

E.G.   LABEL EQU ($ * 3) & 0x07FF
       ↗
        NOT RELOCATABLE

E.G.   LABEL EQU $ + 3 * RECSIZE

RELOCATABILITY

NEED CONCEPT OF RELOCATABILITY

ITEM WILL BE CONSTANT, OR VARIABLE
DEPENDING ON AN EXTERNAL VARIABLE
OR INTERNAL VARIABLE E.G. DATE()

STATUS: CONSTANT
         RELOCATABLE
         EXT VARIABLE ⎱
         INT VARIABLE ⎰ → INDETERMINATE

CONSTANT * CONSTANT → CONSTANT
CONSTANT + $BASED → RELOCATABLE
CONSTANT − $BASED → INDETERMINATE
$BASED − CONSTANT → RELOCATABLE
$BASED & CONSTANT → INDETERMINATE
CONSTANT + DATE() → INDETERMINATE

DATATYPE : INTEGER
            FLOAT (SINGLE!)
            STRING