Variable Declarations

Example:
All program variables must be declared prior to use in a declaration block that begins with the reserved word **DECS**. An example of this is outlined below.

DECS {
        <TYPE>: <VAR_ID_LIST>;
        <TYPE>: <VAR_ID_LIST>;
        <TYPE>: <VAR_ID_LIST>;
        ...
}

Valid Types:
- bool
- cheese
- int
- float
- hiphip

GRAMMAR:
<DECS> → '{' <DECS_LIST> '}'
<DECS_LIST> → <DEC_LIST_START> <DEC_LIST_END>
<DEC_LIST_START> → <TYPE> ':' <VAR_ID_LIST> ';'
<DEC_LIST_END> → <DEC_LIST_START>
<DEC_LIST_END> → λ
<TYPE> → bool | cheese | int | float | hiphip
<VAR_ID_LIST> → <VAR_ID_LIST_START> <VAR_ID_LIST_END>
<VAR_ID_LIST_START> → ID
<VAR_ID_LIST_END> → ',' ID <VAR_ID_LIST_END>
<VAR_ID_LIST_END> → λ