CyndaQuil Grammar Sheet

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$$[Program] \rightarrow [Statement]^* \qquad (1)$$

$$\begin{cases} run \ [Expression] \sim \\ catch \ [Expression] \ as \ identifier \sim \\ \{[Statement]^*\} \qquad (2) \end{cases}$$

$$perchance \ [Expression] \ [Scope] \qquad [Scope] \qquad (3)$$

$$[Scope] \rightarrow [Statement]^* \qquad (3)$$

$$[Expression] \rightarrow \begin{cases} [Term] \qquad (4) \\ [Binary \ Expression] \qquad [Expression] \qquad precedence = 1 \\ [Expression] \div [Expression] \qquad precedence = 1 \\ [Expression] + [Expression] \qquad precedence = 0 \\ [Expression] - [Expression] \qquad precedence = 0 \end{cases}$$

$$[Term] \rightarrow \begin{cases} integer \ literal \\ identifier \qquad (6) \end{cases}$$