## CyndaQuil Grammar Sheet

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

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

$$[expression] \rightarrow \begin{cases} [Term] \\ [Binary \ Expression] \end{cases} \qquad (3)$$

$$[Expression] * [Expression] \quad precedence = 1 \\ [Expression] * [Expression] \quad precedence = 1 \\ [Expression] + [Expression] \quad precedence = 0 \end{cases} \qquad (4)$$

$$[Expression] \rightarrow \begin{cases} integer\_literal \\ identifier \\ ([Expression]) \end{cases} \qquad (5)$$