CyndaQuil Grammar Sheet

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November 17, 2024

$$[\text{program}] \rightarrow [\text{statement}]^* \tag{1}$$

$$[\text{statement}] \rightarrow \begin{cases} run \ [\text{expression}] \sim \\ catch \ [\text{expression}] \ as \ \text{identifier} \sim \end{cases} \tag{2}$$

$$[\text{expression}] \rightarrow \begin{cases} \text{integer\_literal} \\ \text{identifier} \\ [\text{Binary Expression}] \end{cases} \tag{3}$$

$$[\text{Binary Expression}] \rightarrow \begin{cases} [\text{expression}] * [\text{expression}] & \text{prec} = 1 \\ [\text{expression}] + [\text{expression}] & \text{prec} = 0 \end{cases} \tag{4}$$