

# Trabajo Práctico: Unidad 6

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$$\begin{aligned} \textit{intexp} &::= \textit{nat} \mid \textit{var} \mid -_u \textit{intexp} \\ &\mid \textit{intexp} + \textit{intexp} \\ &\mid \textit{intexp} -_b \textit{intexp} \\ &\mid \textit{intexp} \times \textit{intexp} \\ &\mid \textit{intexp} \div \textit{intexp} \\ \textit{boolexp} &::= \mathbf{true} \mid \mathbf{false} \\ &\mid \textit{intexp} == \textit{intexp} \\ &\mid \textit{intexp} \neq \textit{intexp} \\ &\mid \textit{intexp} < \textit{intexp} \\ &\mid \textit{intexp} > \textit{intexp} \\ &\mid \textit{boolexp} \vee \textit{boolexp} \\ &\mid \textit{boolexp} \wedge \textit{boolexp} \\ &\mid \neg \textit{boolexp} \\ \textit{comm} &::= \mathbf{skip} \\ &\mid \textit{var} = \textit{intexp} \\ &\mid \textit{comm}; \textit{comm} \\ &\mid \mathbf{if} \textit{boolexp} \mathbf{then} \textit{comm} \mathbf{else} \textit{comm} \\ &\mid \mathbf{while} \textit{boolexp} \mathbf{do} \textit{comm} \end{aligned}$$