

# Syntax of `if` expressions

( **if** *condition* *then-exp* *else-exp* )



This expression must  
evaluate to `#t` or `#f`  
("true" or "false")

( **if** *condition*  
  
*then-exp*  
  
*else-exp* )

# Syntax of **cond** expressions

(**cond**

[ *condition* *then-exp* ]

[ **else** *else-exp* ] )

# Syntax of **cond** expressions

(**cond**

[ *condition1* *then-exp1* ]

[ *condition2* *then-exp2* ]

[ *condition3* *then-exp3* ]

[ *condition4* *then-exp4* ]

■ ■ ■

[ **else** *else-exp* ] )