Defining a variable



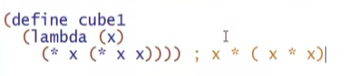
Function calling



(fun args)

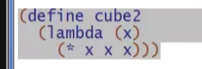


Defining a function



* Lambda
  + This is anonymous function keyword
    - fn x => x \* (x \* x)

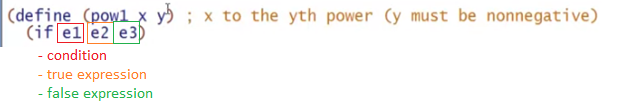
We can also write it like this because the “\*” (multiply function) here in racket can take ANY number of arguments

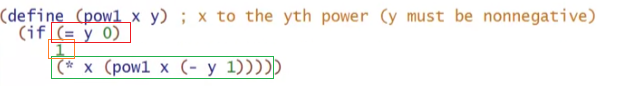


Syntactic sugar for lambda (the only syntactic sugar in racket)



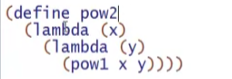
Conditionals



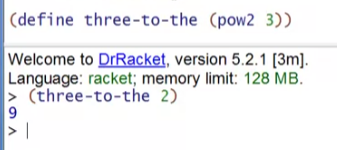


Currying in Racket

* not common because racket has a built-in support for multiple arguments



* pow 2 = fn x => fn y => pow1 x y



But currying is not too ideal in racket, because parenthesis matter!

