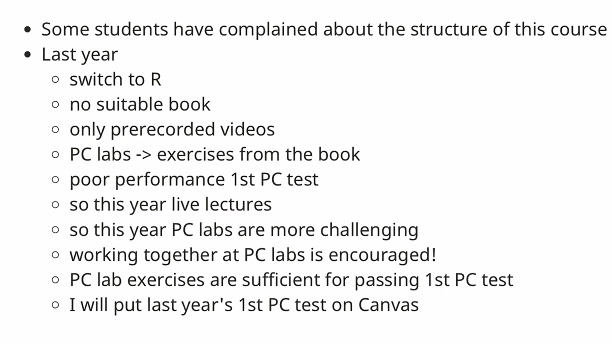
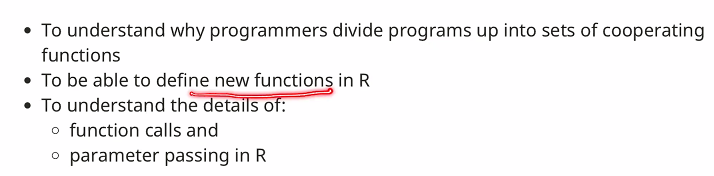
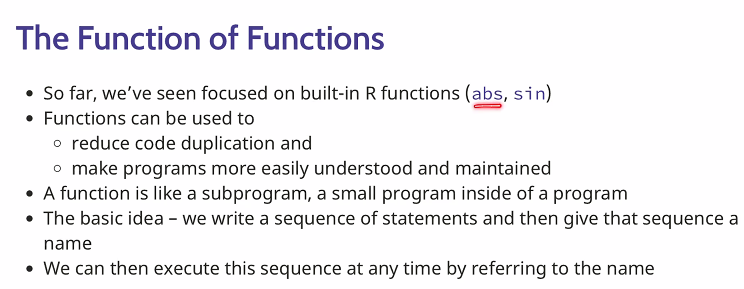
# Announcements

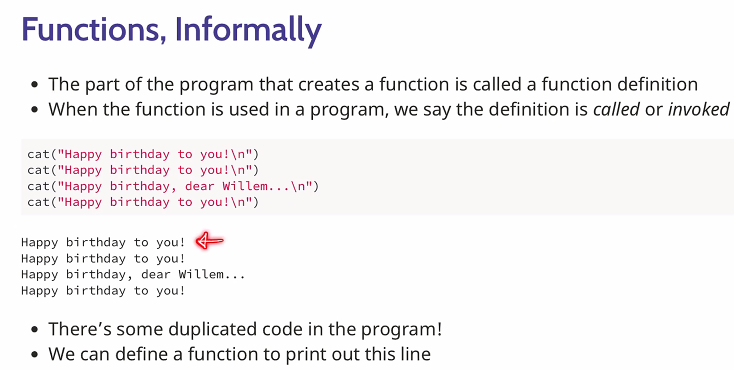


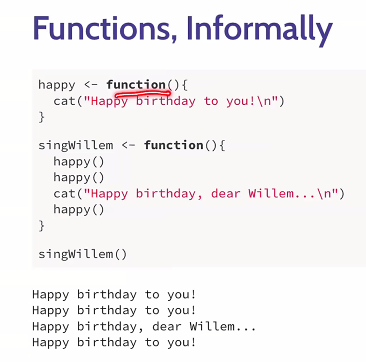
# The function of functions

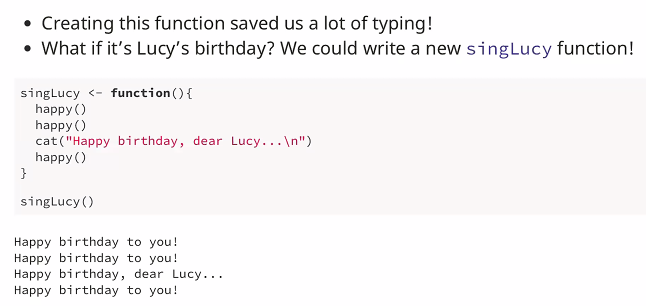


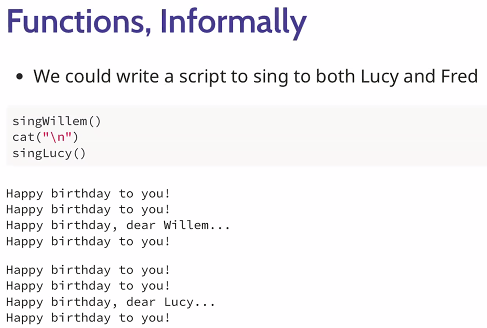


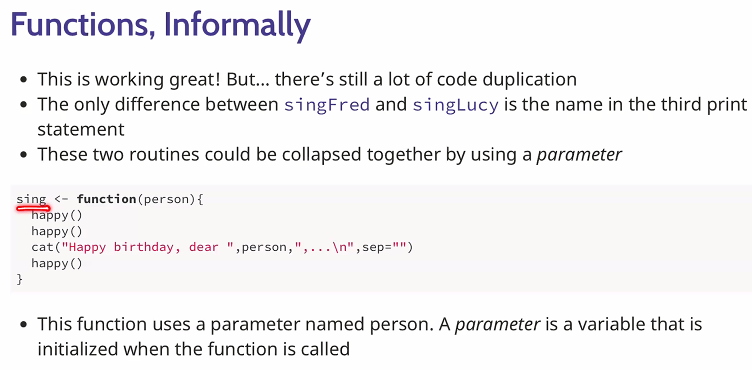
# Functions, informally



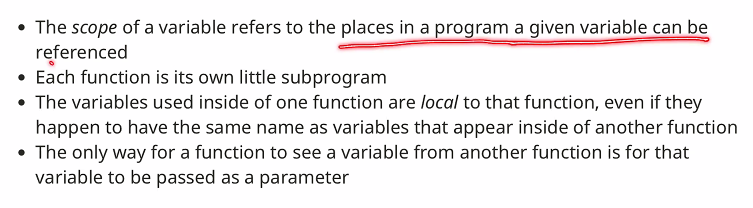


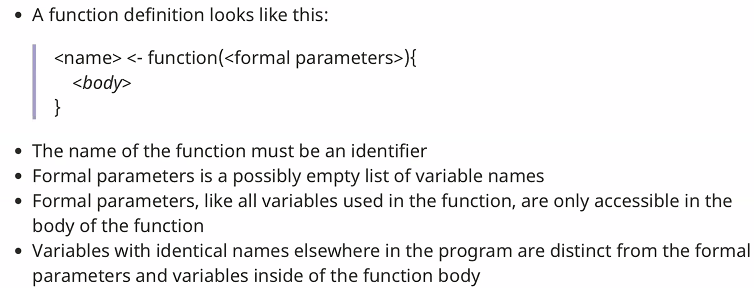


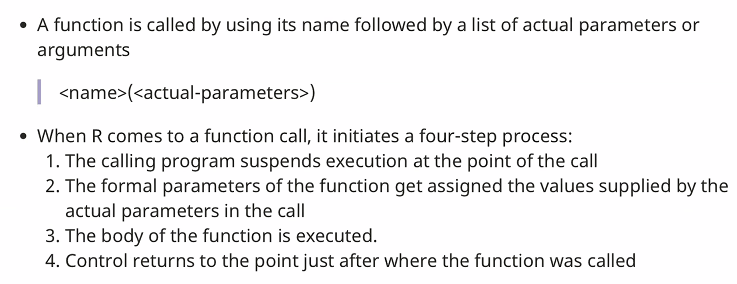


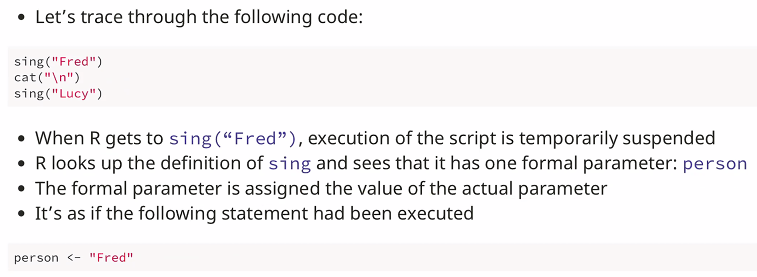


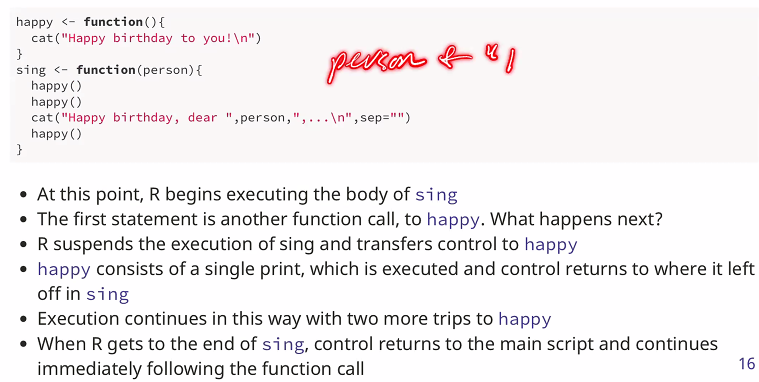
# Functions and Parameters: Details

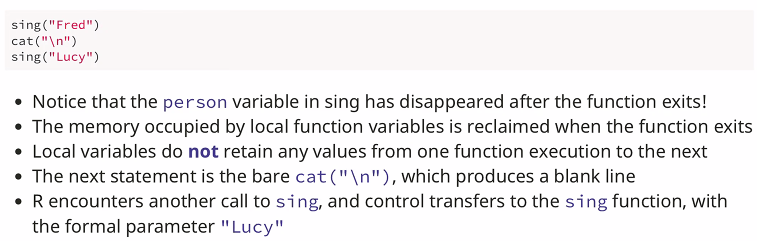


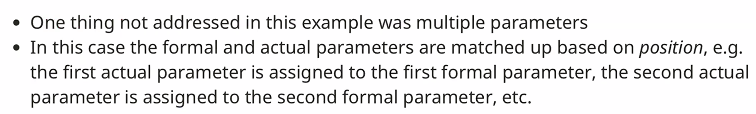




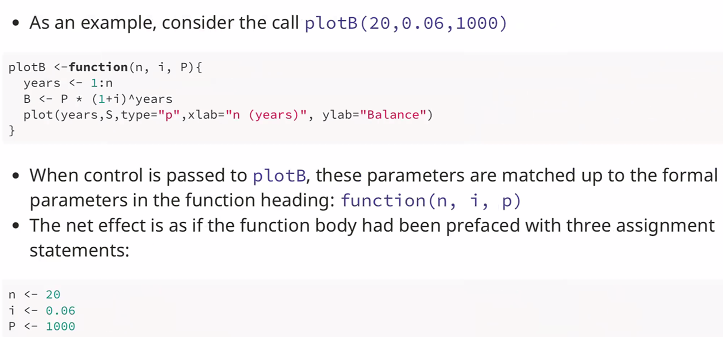


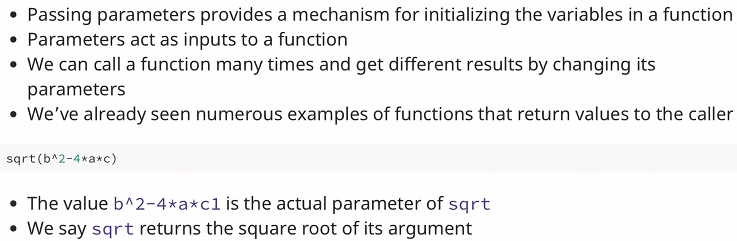




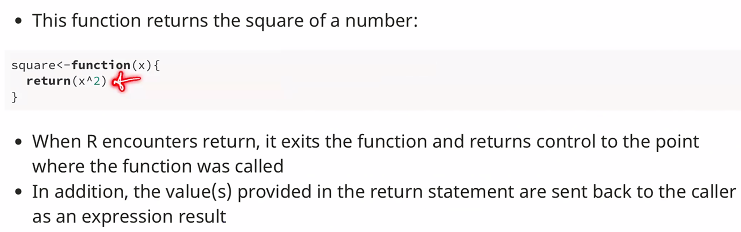


## Example

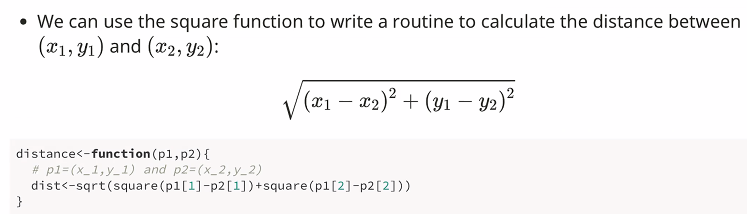
**

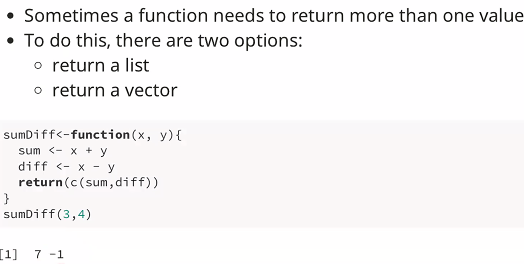


# Functions that return values

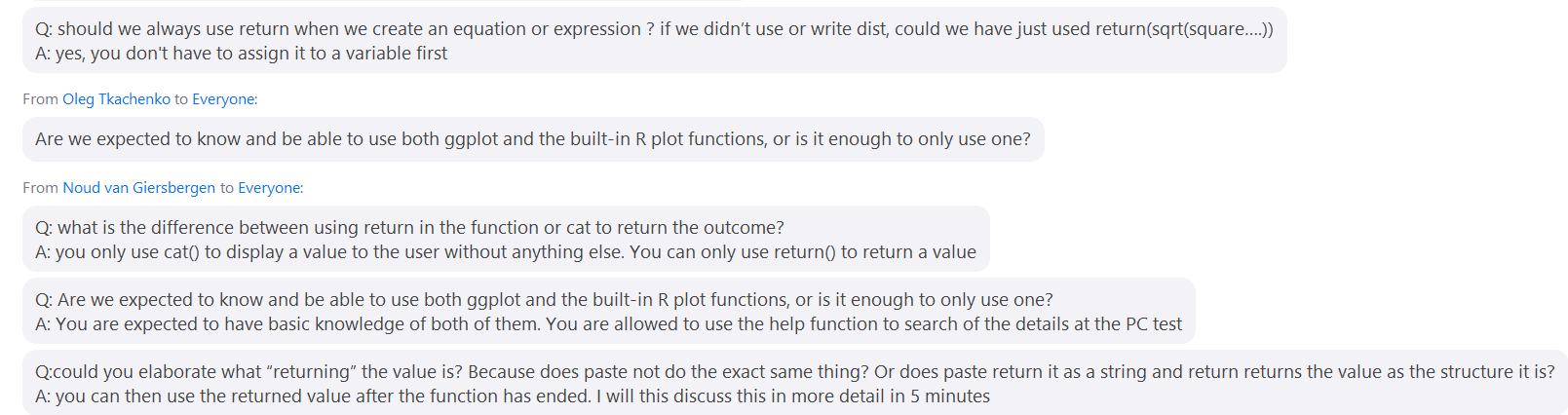


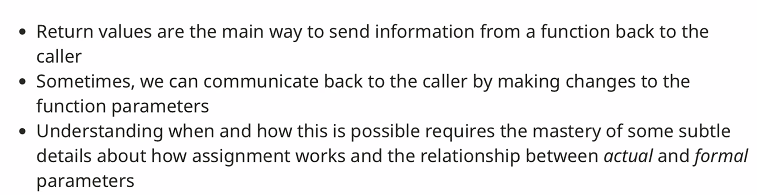
* Square(3)
* Cat(square(3))
* X <- 5; square(x); cat(y)
* Cat(square(x) + square(3))

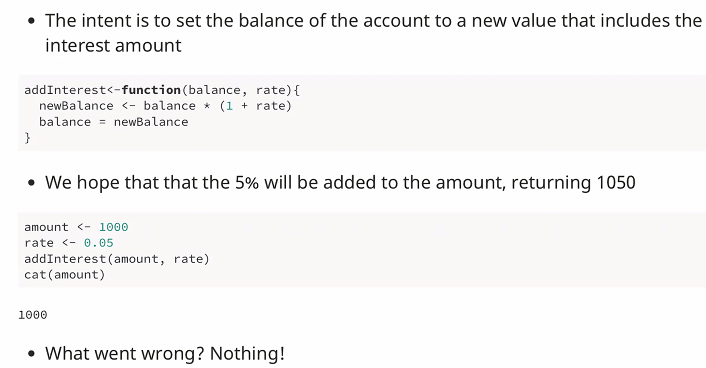


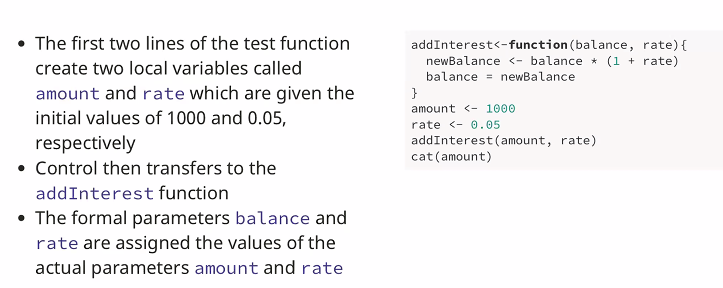


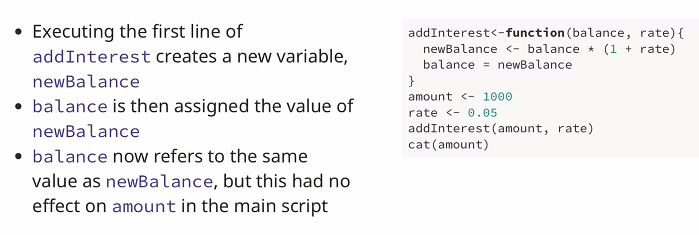
# Functions that modify parameters

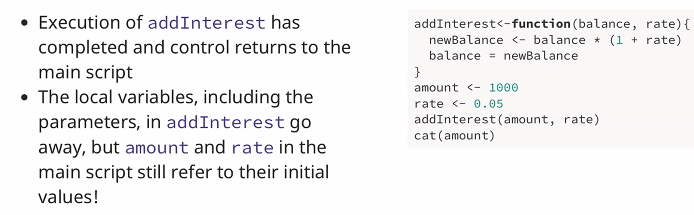


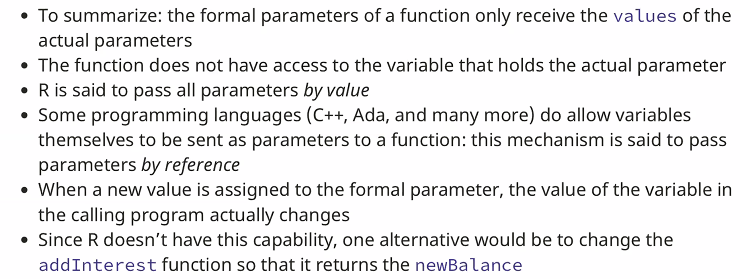




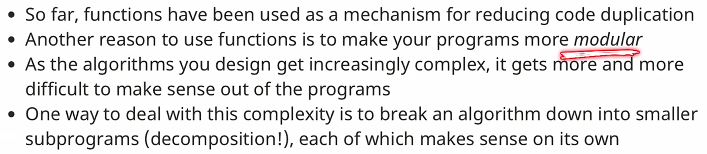




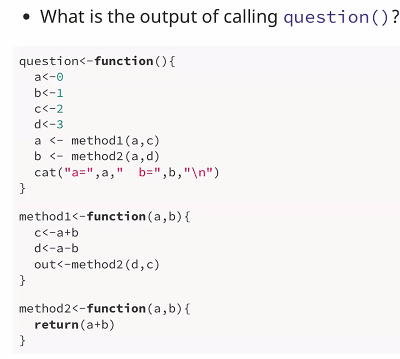




# Functions and Program Structure

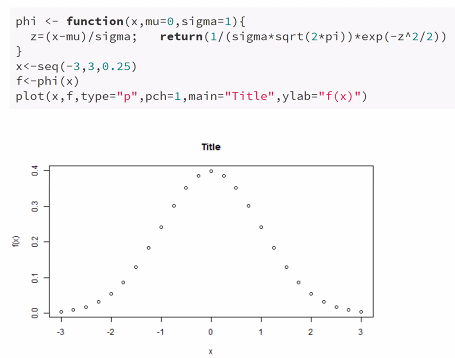


# Final test

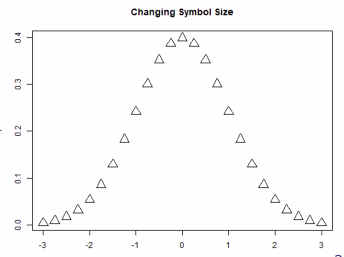


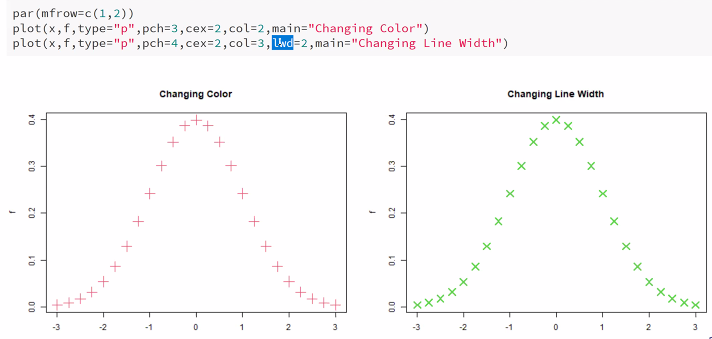
* Answer: a=0, b=3

# Basic plotting









# Lines

