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Homework 5 comp 302

Question 3:

let S = fun x -> (fun y -> (fun z -> (x z) (y z)))
x : a'   y : b'   z : c'

z: a' -> c'

y: a' -> b'

x a' -> b' -> c'

Question 4:

Since int is a subtype of float, the inputs of the function should work out. The return type do not match either, which is a problem in this case because the function expects the output to be a int but receives a float, so it won't work since float is not a subtype of int.