Exercise 7 (Due by June 27)

1. Give a CCG derivation for (1) and (2) along the lines of the CCG derivations shown in class. Indicate on the lines of the derivation which combinators you use.

(1) John ordered and Mary ate the pizza.
(2) the pizza that John seems to order

• For “and”, assume the following category: (X \ X)/X, where X can stand for any (simple or complex) category.
• You can analyze “the pizza” as being an NP: the pizza := NP
• Analyze “that” as follows: that := (NP \ NP)/ (S/ NP)