LING 130 Foundations of Semantics

Problem Set #4

Due November 1, 2005

Due 1:40 pm, November 15, 2005

1. Situations and Participants

(1) Saeed, chapter 6, ex. 6.3

(2) Saeed, chapter 6, ex. 6.4

2. Compositionality

(3) Using the type theory that we’ve covered in class, try to give formal derivations for the following sentences. You will need to add some types to our type inventory, so try to be creative.

Here goes.

a. John feels happy.
b. Every fish swims.
c. Some fish swim fast.

Think about what the verb feel (in this sense) selects for instead of an NP. Then, type the verb accordingly and provide the derivation tree.