1. Scott, Exercise 10.8, Page 584. In addition to answering the question, draw a diagram showing the layout of fields in objects of classes foo and bar.


3. Scott, Exercise 8.4, Page 486. Consider both optimized and unoptimized implementations of the function.

4. Scott, Exercise 8.7, Page 487. We did not discuss call-by-name in class. Read the discussion on pages 451–452 to answer the question.

5. Scott, Exercise 9.9, Page 525. Don’t worry about deciphering Figure 9.8: the bottom line is that it allocates registers the same way as our Tiger interpreter allocates fields in the current activation record. The problem could also be stated “give an expression that requires more than four temporary storage locations.”