BU CAS CS 520: Principles of Programming Languages  
Fall 2001  
Problem Set 2 (due Wednesday 09.26.01)

1. Exercise 2.2.4 on page 56.

2. Exercise 2.2.5 on page 56. Use the definition of substitution given on page 53. You may assume that $x \not\equiv f$ and $x \not\equiv y$. You must show all steps, i.e. before and after the substitutions are applied.

3. Exercise 2.2.8 on page 57.

4. Exercise 2.2.13 on page 60. Provide solutions only for parts (a), (b) and (c).