MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Department of Electrical Engineering and Computer Science 6.001 Structure and Interpretation of Computer Programs Spring. 2007

Practice Problems, March 2

1 iuctice 1 i obiems, mai en 2	
More List Problems	Dr. Kimberle Koile
Fill in the code for these recursive procedures.	
 The append procedure joins two lists together, e.g. (append (list 1 2) (list a. recursive process 	t 3 4)) => (1 2 3 4)
b. iterative recursive process	
2. The reverse procedure reverses the order of elements in a list, e.g. (reverse '((1 2) 3 (4 5)) => '((4 5) 3 (1 2)) Hint: Use append. a. recursive process	
a. recarding process	

