CSSE 304 Day 08 1. Extended BNF grammar for s-lists: <s-list> ::= ({<s-exp>}*) <s-exp> ::= <symbol> | <s-list> 2. Standard BNF grammar for s-lists: <s-list> ::= () ::= (<s-exp> . <s-list>) ; recall that Scheme *prints* proper lists without dots <s-exp> ::= <symbol> | <s-list> 3. We'll write several procedures that take s-lists as arguments. (Live coding, follow along electronically if you prefer) (define (contains? slist sym); does slist contain sym? (define (count-occurrences slist sym); how many occurrences of sym in slist?

(define (flatten slist); create a 1-level list from the symbols in slist (maintain the order)

