C5316 4/23/2014. accept () -> { accept current token }. next loken () There is a case for calling accept(...) even when nextToken() would be adequate: accept (_) would do a redundant check in such cases, but the advantage is that changes to the code that are implemented later would be less likely to bread the code. Tiny T Vitual Machine (VM) consists of 2. disjoint regions. with separate The memory of the Tiny J VM addresses spaces:

O code memory 2 Data nemory code memory is used to store instructions that can be fetched for execution [For assignment 2, there will be no fetching of instructions for execution, your program will just compile the Timy I source file into a sequence of Tiny IVM instructions] Data memory is used to store: int[] a = new int[100]; - Values of variables. variable. array - contents of arrays. a [] = 0 a [] - characters of string literals Data memory address a is unrelated to code memory address a Date memory consists of 3 tet regions; a) A statically allocated regions (used to store values of statics variables and decharacters of string literals) * In Tiny], (unlike Java) strings are not objects, Arrays are the only objects in Tiny]

