

## **Fencepost Problems** read an integer read an integer if integer is 0 → loop is done if integer is $0 \rightarrow \text{loop}$ is done add the integer to the sum add the integer to the sum count it count it read an integer read an integer if integer is $0 \rightarrow \text{loop}$ is done if integer is 0 $\rightarrow$ loop is done add the integer to the sum add the integer to the sum count it count it read an integer .... for ( int number = scanner.nextInt() ; number != 0 ; number = scanner.nextInt() ) { sum = sum+number; for ( ; true ; ) { count++; int number = scanner.nextInt(); if ( number == 0 ) { break; } } sum = sum+number; count++; CPSC 124: Introduction to Programming • Spring 2024