**3.13 Appropriate repetition for sum calculation.**

* • Sum of first 100 positive integers: Use a for loop:
* • int sum = 0;
* • for (int i = 1; i <= 100; i++) {
* •    sum += i;
* • }
* • System.out.println("Sum: " + sum);
* • Sum of arbitrary numbers: Use a while loop with user input:
* • Scanner input = new Scanner(System.in);
* • int sum = 0, num;
* •
* • System.out.println("Enter numbers (negative to stop):");
* • while ((num = input.nextInt()) >= 0) {
* •    sum += num;
* • }
* •
* • System.out.println("Total sum: " + sum);