26. Write a Java method to compute the sum of digits in an integer.

Test Data:

Input an integer: 25

Expected Output:

The sum is 7

public class Exercise26 {

public static void main(String[] args) {

int number = 25;

int sum = sumOfDigits(number);

System.out.println("The sum is " + sum);

}

public static int sumOfDigits(int num) {

int sum = 0;

while (num != 0) {

sum += num % 10; // Adding the last digit to the sum

num /= 10; // Removing the last digit from the number

}

return sum;

}

}