**Java Assignment 4**

1. **import** java.util.Scanner;
2. **public** **class** SumOfNumbers2
3. {
4. **public** **static** **void** main(String args[])
5. {
6. **int** x, y, sum;
7. Scanner sc = **new** Scanner(System.in);
8. System.out.print("Enter the first number: ");
9. x = sc.nextInt();
10. System.out.print("Enter the second number: ");
11. y = sc.nextInt();
12. sum = sum(x, y);
13. System.out.println("The sum of two numbers x and y is: " + sum);
14. }
15. //method that calculates the sum
16. **public** **static** **int** sum(**int** a, **int** b)
17. {
18. **int** sum = a + b;
19. **return** sum;
20. }
21. }

**Output:**

Enter the first number: 34

Enter the second number: 12

The sum of two numbers x and y is: 46