import java.util.Scanner;  // program uses Scanner class

/**
 * Fig. 2.7: Addition.java <br>
 * Addition program that displays the sum of two numbers.
 * @author Deitel & Associates, Inc.
 */

public class Addition {
    /**
     * main method begins execution of Java application
     */
    public static void main(String[] args) {
        // create a Scanner to obtain input from the command window
        Scanner input = new Scanner(System.in);

        int number1;  // first number to add
        int number2;  // second number to add
        int sum;     // sum of number1 and number2

        System.out.print( "Enter first integer: " );  // prompt
        number1 = input.nextInt();  // read first number from user

        System.out.print( "Enter second integer: " );  // prompt
        number2 = input.nextInt();  // read second number from user

        sum = number1 + number2;  // add numbers, then store total in sum

        System.out.printf( "Sum is %d\n", sum );  // display sum
    }  // end main method
}  // end class