**Exercises**

Write a Java program that takes two numbers as input and display the product of two numbers.

Test Data: Input first number: 25 Input second number: 5

**import** java.util.Scanner;

**public** **class** Lesson2 {

**public** **static** **void** main(String[] args) {

Scanner in = **new** Scanner(System.***in***);

System.***out***.print("Input first number: ");

**int** num1 = in.nextInt();

System.***out***.print("Input second number: ");

**int** num2 = in.nextInt();

System.***out***.println(num1 + " x " + num2 + " = " + num1 \* num2);

}

}

Write a Java program to print the sum (addition), multiply, subtract, divide and remainder of two numbers.

Test Data: Input first number: 125 Input second number: 24

**import** java.util.Scanner;

**public** **class** Lesson3 {

**public** **static** **void** main(String[] args) {

Scanner in = **new** Scanner(System.***in***);

System.***out***.print("Input first number: ");

**int** num1 = in.nextInt();

System.***out***.print("Input second number: ");

**int** num2 = in.nextInt();

System.***out***.println(num1 + " + " + num2 + " = " +

(num1 + num2));

System.***out***.println(num1 + " - " + num2 + " = " +

(num1 - num2));

System.***out***.println(num1 + " x " + num2 + " = " +

(num1 \* num2));

System.***out***.println(num1 + " / " + num2 + " = " +

(num1 / num2));

System.***out***.println(num1 + " mod " + num2 + " = " +

(num1 % num2));

}

}