







exercise #4

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eclipse-workspace - Recursive Factorial/src/findFactorial.java - Eclipse IDE
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    ∫ findFactorial.iava ×

         F 8 8
                  1 import java.util.Scanner;
>  Compliant and No
                   3 public class findFactorial {
> Food Delivery
                        public static int recursiveFactorialA(int n)
> Soline Food Deliv
                            if (n==0) {
➤ 🔛 Recursive Factoria
                                return 1;
  > 🚵 JRE System Libi
  ∨ ∰ src
                            return(n*(recursiveFactorialA(n-1)));

▼ ⊕ (default pac)

      > I findFacto
                  119
                        public static int recursiveFactorialB(int n)
                            if (n==1) {
                  12
                 13
                                return 1;
                 14
                                                                               the factorial is 4.3.2.1
                             return(n*(recursiveFactorialB(n-1)));
                 16
                 17
                                                                                  It runs 4 times, or n.
                        public static void main(String[] args) {
                             try (Scanner theDude = new Scanner (System.in)) {
                                System.out.println("What integer would you like to find the factorial for?");
                                System.out.println();
                                System.out.print("Enter integer here: ");
                                int n = theDude.nextInt(); theDude.nextLine();
                                System.out.println();
                                System.out.println("Method 1: The factorial of " + n + " is " + recursiveFactorialA(n) + ".");
                                System.out.println("Method 2: The factorial of " + n + " is " + recursiveFactorialB(n) + ".");
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exercise #5

