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| **package** com.company;  **import** java.util.InputMismatchException; **import** java.util.Scanner;  **public class** Main {  **public** Main() {  }   **public static void** main(String[] args) {  **int** x = *getIntEAFP*();  System.***out***.println(**"x is "** + x);  }   **private static int** getInt() {  Scanner s = **new** Scanner(System.***in***);  **return** s.nextInt();  }   **private static int** getIntLBYL() {  Scanner s = **new** Scanner(System.***in***);  **boolean** isValid = **true**;  System.***out***.println(**"Please enter an integer "**);  String input = s.next();   **for** (**int** i = 0; i < input.length(); ++i) {  **if** (!Character.*isDigit*(input.charAt(i))) {  isValid = **false**;  **break**;  }  }   **return** isValid ? Integer.*parseInt*(input) : 0;  }   **private static int** getIntEAFP() {  Scanner s = **new** Scanner(System.***in***);  System.***out***.println(**"Please enter an integer "**);   **try** {  **return** s.nextInt();  } **catch** (InputMismatchException var2) {  **return** 0;  }  }   **private static int** divideLBYL(**int** x, **int** y) {  **return** y != 0 ? x / y : 0;  }  **private static int** divideEAFP(**int** x, **int** y) {  **try** {  **return** x / y;  } **catch** (ArithmeticException var3) {  **return** 0;  }  }   **private static int** divide(**int** x, **int** y) {  **return** x / y;  } } | **package** com.company;  **import** java.util.Scanner;  **public class** Example {  **public** Example() {  }   **public static void** main(String[] args) {  **int** result = *divide*();  System.***out***.println(result);  }   **private static int** divide() {  **int** x = *getInt*();  **int** y = *getInt*();  System.***out***.println(**"x is "** + x + **", y is "** + y);  **return** x / y;  }   **private static int** getInt() {  Scanner s = **new** Scanner(System.***in***);  System.***out***.println(**"Please enter an integer "**);  **return** s.nextInt();  } } |