Divison by Zero - Exception Handling - Exceptions

**import** java.util.Scanner;

**public** **class** DivisionByZero {

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

 // **Try entering 0 for int2 and then try entering 6.7777 and see error messages**

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

 **try** {

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

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

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

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

 System.***out***.print("Division: " + (num1/num2));

 }

 **catch** (ArithmeticException e) {

 /\* This block will only execute if any Arithmetic exception

 \* occurs in try block

 \*/

 System.***out***.println("You should not divide a number by zero");

 }

 **catch** (Exception e) {

 /\* This is a generic Exception handler which means it can handle

 \* all the exceptions. This will execute if the exception is not

 \* handled by previous catch blocks.

 \*/

 System.***out***.println("Exception occurred");

 }

 }

}