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");

}

}

}