import java.util.\*;

public class Main {

public static void main(String[] args) {

int num1 , num2;

Scanner inp = new Scanner(System.in);

try {

System.out.println("enter a number: ");

num1 = inp.nextInt();

System.out.println("enter another number: ");

num2 = inp.nextInt();

System.out.println("the result of division is: " + (num1/num2));

}

catch(ArithmeticException arit) {

System.out.println("you have an arithmatic exception " + arit);

}

catch(NumberFormatException nfe) {

System.out.println("You have a number format exception: " + nfe);

}

catch(Exception e) {

System.out.println("You have a exception: " + e);

}

}

}

OUTPUT

enter a number:

15

enter another number:

0

you have an arithmatic exception java.lang.ArithmeticException: / by zero