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Exception handling

Implement a program to handle Arithmetic exception, Array Index Out of Bounds. The user

enters two numbers Num1 and Num2. The division of Num1 and Num2 is displayed. If Num1

and Num2 are not integers, the program would throw a Number Format Exception. If Num2

were zero, the program would throw an Arithmetic Exception. Display the exception.

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import java.util.\*;

class NAexception

{

public static void main(String[] args)

{

Scanner scr=new Scanner(System.in);

int num1, num2, q;

try

{

System.out.println("\nEnter the value of first integer: ");

num1 = Integer.parseInt(scr.next());

System.out.println("\nEnter the value of second integer: ");

num2 = Integer.parseInt(scr.next());

q = num1/num2;

System.out.println("\nQuotient is: "+q);

}

catch(NumberFormatException e)

{

System.out.println(e);

}

catch(ArithmeticException e)

{

System.out.println(e);

}

}

}

**//OUTPUT**

Enter the value of first integer:

10

Enter the value of second integer:

0

java.lang.ArithmeticException: / by zero