REPORT TITLE 2018

MAY 4

COMPANY NAME
Authored by: Your Name

Logo
Name

Contents

Group Activity 4

- Due **Oct 5, 2020 at 11:59pm**

- Points **20**

- Questions **1**

- Time Limit **None**

Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	**118 minutes**	**18 out of 20**

Score for this quiz: 18 out of 20
Submitted Sep 21, 2020 at 4:09pm
This attempt took 118 minutes.

Question 1

18 / 20 pts

Create a Java program where the user will have to enter two values(Using JOptionPane) to be divided. The application catches an exception if one of the entered values is not an

integer. Declare three integers—two to be input by the user and a third to hold the result after dividing the first two.

Add a try block that prompts the user for two values, converts each entered String to an integer, and divides the values, producing result.

Add a catch block that catches an ArithmeticException object if division by 0 is attempted. If this block executes, display an error message, and force result to 0.

catch(ArithmeticException exception)

{

JOptionPane.showMessageDialog(null, exception.getMessage());

result = 0;

}

Your Answer:

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package groupact4;
import javax.swing.JOptionPane;
/**
 *
 * @author albert michael ludick
 */
public class GroupAct4 {
/**
 * @param args the command line arguments
 */
public static void main(String[] args) {
// TODO code application logic here
int result;
try{
try{
int number1=Integer.parseInt(
JOptionPane.showInputDialog(null,
"Please enter the frist number"));

int number2=Integer.parseInt(
JOptionPane.showInputDialog(null,
"Please enter the Scecond number"));

result = number1/number2;
```

```
JOptionPane.showMessageDialog(null,"this is the answer after "
+ "diving your two numbers: "
+ result);
}catch(NumberFormatException ex){
JOptionPane.showMessageDialog(null, ex.getMessage());
main(args);
}
}catch(ArithmeticException exception){
JOptionPane.showMessageDialog(null, exception.getMessage());
result = 0;
JOptionPane.showMessageDialog(null,"this is the answer after "
+ "diving your two numbers: "
+ result);
}
}
}
```

Quiz Score: 18 **out of 20**