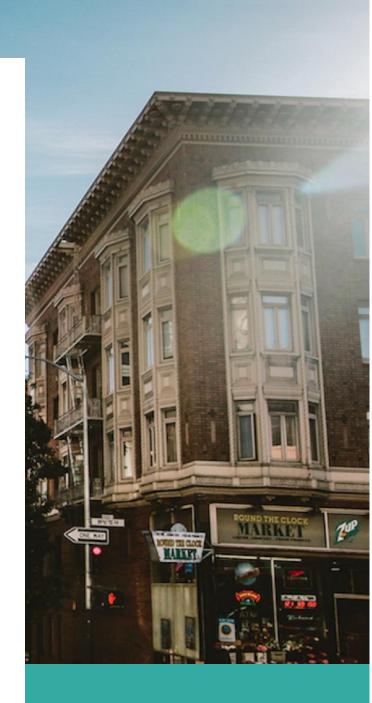
Beginner Java(JD521) Group Activity 6



MARCH 2

COMPANY NAMEAuthored by: Your Name



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Introduction

Program Content

Source Code:

class BadSubscriptCaught:Question 1

```
package group.activity.project.pkg7;
import javax.swing.JOptionPane;
/**
   * @author Albert Michael Ludick(5119)
   */
public class BadSubscriptCaught {
```

```
public class BadSubsertprCantefor

/**

* @param args the command line arguments

*/

public static void main(String[] args) {

    String[] FirstNames = new String[8];//array of eight first names

    FirstNames[0]="Albert";

    FirstNames[1]="Michael";

    FirstNames[2]="Juan";

    FirstNames[3]="Pieter";// manual entry of array data

    FirstNames[4]="Jessica";

    FirstNames[5]="Mia";

    FirstNames[6]="Chloe";

    FirstNames[7]="Cheryl";
```

```
try{
    //User Input of a integer in a JOPtionPane;
       int userAnswer =Integer.parseInt(JOptionPane.showInputDialog
              ("plz enter a "+ "number for the program to "
              + "search for to displzy a name"));
      //Prints the first name according to the integer
       //specified by user
      JOptionPane.showMessageDialog(null, FirstNames[userAnswer]);
  catch(ArrayIndexOutOfBoundsException ex){//array check that the
      //user selected is not out of array bounds or scope
   JOptionPane.showMessageDialog(null,ex+" :The Number you have "
           + "selected is Too Large between 0 and 8 should it be "
            , "Error Message"
            , JOptionPane . ERROR MESSAGE);
   //above error message to user why the application crashed
   throw ex;//retrow the exception
```

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class TryToParseDouble:Question 2

```
package group.activity.project.pkg7.question.pkg2;
import javax.swing.JOptionPane;
/**

* @author MIchael Ludick

*/
public class TryToParseDouble {

    /**
    * @param args the command line arguments
    */
```

```
public static void main(String[] args) {
   double userAnswer;//the variable for the user to answer
   try{//checking if the user entered a value that cannot be parsed into
       //string from double
      userAnswer=Double.parseDouble(JOptionPane.showInputDialog("Plz enter"
              + "an decimal number"));//userinput to JOptionPane error
      //could occur here
   }catch(NumberFormatException ex){//This Exception is to check if the
       //Double.Parse could parse the double to String
       userAnswer =0;//Reset UserAnswer to 0
       JOptionPane.showMessageDialog(null,ex+" : The Number you have "
                   + "Entered is not a decimal number or number could not "
                   + "be converted to String "+userAnswer
                    ,"Error Message"//ERROR Message to display if user
                //entered Wrong Info or double could not parse
                    , JOptionPane . ERROR MESSAGE);
```

Bibliography & References:

Websites:

GeeksforGeek: https://www.geeksforgeeks.org/ And Javapoint: https://www.javatpoint.com/

Wiki How to do anything: https://www.wikihow.com/Calculate-Weighted-Average

Books:

Java_ A Beginner's Guide, Eighth Edition

Appendix

No Extra files or media.

Except for the project itself