

Exception Handling- Java Lab 13/07/2023

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Question 01	<pre>package com.mycompany.exceptionhandlingex1; import java.util.Scanner; public class Exceptionhandlingex1 { public static void main(String[] args) { Scanner s=new Scanner(System.in); int z,y,x; System.out.println("Enter numerator : "); x=s.nextInt(); System.out.println("Enter denominator : "); y=s.nextInt(); try{ z=x/y; System.out.println("Answer :"+z); } catch(ArithmeticException e){ System.out.println(e.getMessage()); } } }</pre>
Question 02	<pre>package com.mycompany.exceptionhandlingex1; public class Exceptionhandlingex1 { public static void main(String[] args) { int[] numbers =new int[]{1, 2, 3, 4, 5}; try { int value = numbers[10]; //int result value/0; System.out.println("Value: " + value); } catch (ArrayIndexOutOfBoundsException e) { System.out.println("Error: Array index is out of bounds."); } } }</pre>

	<pre> } catch(Exception e){ System.out.println(e.getMessage()); } finally { for (int i=0;i<numbers.length;i++) { System.out.print (numbers [i]+" "); } } } } </pre>
Question 03	<pre> package com.mycompany.exceptionhandlingex1; import java.io.File; import java.io.FileNotFoundException; import java.util.Scanner; public class Exceptionhandlingex1 { public static void main(String[] args) { try { File file = new File ("nonexistent. txt"); Scanner scanner = new Scanner (file); while (scanner. hasNextLine ()) { String line = scanner.nextLine (); System. out.println(line); } scanner. close () ; } catch (FileNotFoundException e) { System. out.println("Error: File not found."); } } } </pre>

