

Experiment 3.2

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Branch: CSE

Semester: 3rd

Subject Name: Java Program Lab

UID: 20BCS1812

Section/Group: 709A

Date of Performance: 05/11/2021

Subject Code: 20CSP-219

1) Aim/Overview of the practical:

Write a program to handle an exception using try, catch and throw.

2) Task to be done/ Which logistics used:

To write a program to handle an exception using try, catch and throw.

3) Algorithm/Flowchart (For programming based labs):

4) Steps for experiment/practical/Code:

```
package com.company;

public class exceptionhandling {

    public static void main(String[] args) {
        int a = 9, b = 0, output;
        try {
            output = a / b;
            System.out.println("output of "+a+"/"+b+" is " + output);
        }

        catch (ArithmeticException e) {
            System.out.println("Exception found : Division by zero detected!!");
        }

        finally {
            System.out.println("This is the final block");
        }
    }
}
```

5. Observations/Discussions/ Complexity Analysis:

6. Result/Output/Writing Summary:

```
Exception found : Division by zero detected!!  
This is the final block
```

Learning outcomes (What I have learnt):

1. Learnt about java programming language.
2. Learnt about exception handling.
- 3.
- 4.
- 5.

Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			