

Experiment No. 8  
Subject Name: Internet Programming Lab  
Subject Code: CAP-256

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18BCA1032 BCA4A

Aim:- Create user-defined class which will provide two methods:

⇒ setData – to get two numbers from user

⇒ showResult – to calculate the division of entered numbers

Solution:-

```
Import java.lang.*;
Import java.io.*;
Import java.util.Scanner;
Public class A
{
    Public static int showResult(int)
    throwsArithmeticException
    {
        int result =2/0;
        return result;
    }
    Public static void setData(String input)
    {
        int value=0;
    try {
        value=Integer.parseInt(input);
    }
    catch(NumberFormatException) {
        System.out.println("No Input Data!");
        return;
    }
    try {
        System.out.println("Result is:"+showResult(value));
    }
    catch(ArithmeticException) {
        System.out.println("Division by zero!");
    }
}

Public static void main(String agrs[])
{
    Scanner sc = newScanner(System.in);
    StringinData;
    System.out.print("Enterthedivisor:");
    inData = sc.next();
    setData(inData);
}
```