

### Experiment No. 3a

Write a Java program to read two integers a and b. Compute a/b and print, when b is not zero. Raise an exception when b is equal to zero.

```
import java.util.*;
public class division_exception {

    public static void main(String[] args) {
        Scanner sc= new Scanner(System.in);
        System.out.println("enter two integers");
        int a= sc.nextInt();
        int b= sc.nextInt();
        try
        {
            int result= a/b;
            System.out.println("result = "+result);
        }
        catch(ArithmeticException e)
        {
            System.out.println("exception caught: Divide by zero error"+ e);
        }
    }
}
```