

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