

## Chapter 11 Assignment (Exception Handling) – 10 points

Your goal is to create your own Exception Class and test this class by using a basic division program.

- Create an exception class named **DivisionException**. Create a constructor for this class that contains the message: “**Error: you cannot divide by zero**” (3 points)
- Create a **divide** method in the class with your main method. This method should divide 2 numbers. If the denominator is 0, then it should throw a DivisionException, otherwise it should return the result of numerator/denominator. (4 points)
- In the main method, prompt the user for 2 numbers. Print out the result from the divide method. Hint: you must add a try/catch in order to call the divide method. (3 points)