**using** System;  
  
 class MyClass  
 {  
     **public** static void **Main**()  
     {  
         Console.**WriteLine**("Entering MyClass.Main");  
        YourClass yourObject = **new** YourClass();  
    
  
        yourObject.**Method1**();  
         Console.**WriteLine**("Leaving MyClass.Main");  
     }  
 }  
  
 class YourClass  
 {  
     **public** void **Method1**()  
     {  
         Console.**WriteLine**("Entering YourClass.Method1");  
         **Method2**();  
         Console.**WriteLine**("Leaving YourClass.Method1");  
     }  
      
     **public** void **Method2**()  
     {  
         Console.**WriteLine**("Entering YourClass.Method2");  
         **int** myInt = 0;  
         **int** yourInt;  
         **try**  
         {  
             Console.**WriteLine**("Entering try block");  
              //Dividing by zero  
             yourInt = 10 / myInt;  
             Console.**WriteLine**("Leaving try block");  
         }  
         **catch**(DivideByZeroException exObj)  
         {  
             Console.**WriteLine**("Entering catch block");  
             Console.**WriteLine**("Exception: " + exObj.Message);  
             Console.**WriteLine**("Unable to automatically assign value to yourInt");  
           Console.**Write**("Please manually enter number to be assigned yourInt: ");  
             yourInt = Convert.**ToInt32**(Console.**ReadLine**());  
             Console.**WriteLine**("Leaving catch block");  
         }    
         Console.**WriteLine**("Leaving YourClass.Method2");  
     }  
 }