**using** System;  
  
 class Tester  
 {  
     **public** static void **Main**()  
     {  
         **try**  
         {  
            Console.**WriteLine**("Entering Main’s try block");  
             MyClass myObject = **new** MyClass( );  
             myObject.**MethodA**( );  
             myObject.**MethodB**( );  
             Console.**WriteLine**("Leaving Main’s try block");  
              Console.**ReadLine**( );  
         }  
         **catch**(Exception exObj)  
         {  
             Console.**WriteLine**("Entering Main’s catch block");  
             Console.**WriteLine**(exObj.Message);  
             Console.**WriteLine**("Leaving Main’s catch block");  
              Console.**ReadLine**();  
         }  
     }  
 }  
  
 class MyClass  
 {  
     **public** void **MethodA**()  
     {  
         **try**  
         {  
             Console.**WriteLine**("Entering MethodA’s try block");  
             **int** myInt;  
             **int** inputInt;  
              
             Console.**WriteLine**("Opening file in MethodA");  
             Console.**Write**("Please enter number: ");  
             inputInt = Convert.**ToInt32**(Console.**ReadLine**());  
             myInt = 10 / inputInt;  
            Console.**WriteLine**("Leaving MethodA’s try block");  
         }  
         **catch**(DivideByZeroException exObj)  
         {  
             Console.**WriteLine**("Entering MethodA’s catch block");  
             Console.**WriteLine**("Exception: " + exObj.Message);  
            Console.**WriteLine**("Leaving MethodA’s catch block");  
         }  
         **finally**  
         {  
             Console.**WriteLine**("Closing file in MethodA’s finally block");  
         }  
         Console.**WriteLine**("Leaving MethodA");  
         Console.**ReadLine**();  
     }  
      
     **public** void **MethodB**()  
     {  
         **try**  
         {  
             Console.**WriteLine**("Entering MethodB’s try block");  
             **int**[] myArray = **new** **int**[10];  
             Console.**WriteLine**("Opening file");  
              //Index of bounds  
             myArray[34] = 10;  
       Console.**WriteLine**("Leaving MethodB’s try block");  
        Console.**ReadLine**();  
         }  
         **finally**  
         {  
             Console.**WriteLine**("Closing file in MethodB’s finally block");  
              Console.**ReadLine**();  
         }  
         Console.**WriteLine**("Leaving MethodB");  
          Console.**ReadLine**();  
     }  
 }