CSC 116 – 002 In-class Exercise #5

Name: _____Solution_____ Unity ID:_____ Lab:_____

The code provided below is a working piece of code to read a number from each line in a file and sum the numbers together. Write the catch portions of code for the following code snippet. If there is a **NumberFormatException** please print "Bad number in file". If there is an **IOException** please print "Unable to read file". These exceptions should be printed to the terminal window.

```java
import java.io.*;

public class TestRead {
  public static void main(String[] args) {
    BufferedReader in=null;
    try {
      int sum=0;
      in=new BufferedReader(new FileReader("input"));
      String myLine=null;
      do {
        myLine=in.readLine();
        if (myLine!=null)
          sum+=Integer.parseInt(myLine);
      } while (myLine!=null);
      in.close();
      System.out.println("The sum of the numbers is "+sum);
    }

    //Write the catch statements that go here on your quiz!

    catch(IOException e) {
      System.out.println("Unable to read file");
    }
    catch(NumberFormatException e) {
      System.out.println("Bad number in file");
    }


  }
}
```