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");
        }
    }
}
```