CIS 121 - Quiz 9 - Friday, March 12, 2004

Name: ____________________________ J Number: ____________________________

1. (2 pts) What exceptions are unchecked? What exceptions are checked?

2. (2 pts) Is there any problem with the following statement? Explain.
   throw new String("Hello");

3. (2 pts) Recalling that the method public void run() is the only method in the Runnable interface, will there be a compile-time error when a class definition that implements Runnable contains the following method? Explain. Assume the java.io package has been imported.
   public void run() throws IOException File Reader file = new FileReader("output.data");

4. (2 pts) Is a finally block ever required when we write a try block? Explain.

5. (2 pts) Suppose we wrap a FileReader inside a BufferedReader. We have seen two methods for reading characters from the BufferedReader. What are these two methods and list for each one how we know when there is nothing left to read?