

*QUESTIONS AND EXERCISES*

4. What exceptions can be caught by the following handler?

```
...
} catch (Exception e) {
...
} catch (ArithmeticException a) {
...
}
```

Is there anything wrong with this exception handler as written? Will this code compile?

**Exercises**

1. Add a `readList` method to `ListOfNumbers.java`. This method should read in `int` values from a file, print each value, and append them to the end of the vector. You should catch all appropriate errors. You will also need a text file containing numbers to read in.
2. Modify the following `cat` method so that it will compile:

```
public static void cat(File named) {
    RandomAccessFile input = null;
    String line = null;

    try {
        input = new RandomAccessFile(named, "r");
        while ((line = input.readLine()) != null) {
            System.out.println(line);
        }
        return;
    } finally {
        if (input != null) {
            input.close();
        }
    }
}
```

**Answers**

You can find answers to these Questions and Exercises online:

<http://java.sun.com/docs/books/tutorial/essential/exceptions/QandE/answers.html>