

Name _____ Period _____

Skill 27.2: Exercise 1	
The following code blocks would cause errors. Fix the code to prevent an error from occurring	
<pre> class InfiniteLoop { public static void test(int i){ for(int i = 1; i > 0; i++){ System.out.println(i); } } } </pre>	<pre> class StackOverflow { public static void test(int i) { //Not correct as base condition //leads to non-stop recursion. if (i == 0) return; else { test(i++); } } } </pre>

Skill 27.2 Exercise 2
For each of the following code segments identify the unchecked error that would occur
<p>(a) <code>int[] myArray = {1, 2, 3};</code> <code>System.out.println(myArray[3]);</code></p> <p>(b) <code>System.out.println(10/0);</code></p> <p>(c) <code>String pointer = null;</code> <code>if(pointer.equals("this"))</code> <code>//do something</code></p> <p>(d) <code>Object x = new Integer(0);</code> <code>System.out.println((String)x);</code></p> <p>(e) <code>String s = "Hello";</code> <code>System.out.println(s.charAt(5));</code></p>

Name _____ Period _____

Skill 27.2 Exercise 3

For each of the following unchecked errors, write a try-catch block to catch the error.

```
int[] myArray = {1, 2, 3}
System.out.println(myArray[3]);
```

```
System.out.println(10/0);
```

```
String pointer = null;
if(pointer.equals("this"))
    //do something
```

```
Object x = new Integer(0);
System.out.println((String)x);
```

```
String s = "Hello";
System.out.println(s.charAt(5));
```

AP Computer Science A
Ticket Out the Door
Set 27: Exceptions

Name _____ Period _____
