Worksheet A13.1

Exceptions Review

1.   Read through the following code. It works fine until its last pass through the `for` loop –
        in which case an `ArithmeticException` occurs. Revise this code to *catch* this
        exception and print an appropriate error response to the user.

```java
public void printInts(){
      int num = 100;
      for (int i=10; i>=0; i--){
          System.out.println("100/" + i + " = " + (100/i));
      }
}
```

2.   Running the following method causes a `NullPointerException`.   Revise this code
        to *catch* this type of exception and print an appropriate error response to the user.

```java
public int lengthTest(String a){
      a = null;
      return a.length();
}
```