Work on this lab with a new partner: someone with whom you have not yet worked.

Include your full name and your partner’s full name at the top of each file, using a Java Javadoc   
/\*\* @author \*/ tag (for example: /\*\* @author Paul Mills and Jason Wilder \*/).

Re-do lab 3 but this time the following methods must throw the following Exceptions given the following conditions:

Make sure your methods declare the Exceptions they throw (and Javadoc @throws too). For example:

/\*\*

\* @param parameter - some parameter

@throws IllegalArgumentException if parameter is bigger than 100, or is null

\*/

public void pretendMethod(final String parameter) throws IllegalArgumentException

{

// code goes here

}

**printTitlesOfLength(final int length)**

Must throw an IllegalArgumentException if length is 0 or negative with the message “bad length”

**printNameStartsEndsWith(final String substring)**

Must throw a checked Exception (YOU create the class) named IllegalNameException with the message "bad name" if the substring parameter is null or blank

**printTitlesContaining(final String substring, final boolean caseSensitive)**

Must throw an IllegalArgumentException (with message “bad string”) if the substring parameter is blank or null

NOTE: when a method or constructor throws one of several different methods, the try/catch block is extended as follows:

try

{

// code to try

}

catch(final ExceptionTypeOne e)

{

// handle exception type one here

}

catch(final ExceptionTypeTwo e)

{

// handle exception type two here

}

Etc…

**getLongest(final String property)**

Must throw an unchecked Exception (YOU create the class) named IllegalNovelPropertyException with the message "bad property" if its value is not "author" nor "title" (in any letter casing)

**main(final String[] args)**

Must try/catch all of its methods now; in the event of an Exception being thrown, simply print the Exception object’s getMessage() method output.

Do this lab with your partner. Create the identical code as your partner, and show your instructor before the start of the next class. Keep these papers and bring them to the final exam, to get your marks:

Instructor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_