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\* Class:Lesson\_37 Ex37.1-10 Pg.37.6-7 Author: Yin Linhai

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\* Answers to blue pelican Lesson 37 exercises 1-10

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\* Course:Computer Science 201Teacher:Mr Blakey

\* School:Sir Winston Churchill High School, Calgary, Alberta, Canada

\* Language: Java SE 7.0Target Operating System: Java Virtual Machine

\* System:Intel Celeron 3GHz running under Windows 7 IDE: Eclipse 4.2

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**package** exercises;

**public** **class** Lesson\_37 {

**public** **static** **void** main(String[] args) {

//Blue Pelican lesson 37 Exercises

//Exercise 1

**if**(amount>balance||amount<=0) {

String s = "Can't withdraw more than the balance or less than 0";

IllegalArgumentException e = **new** IllegalArgumentException(s);

**throw** e;

}

}

//Exercise 2

**public** **void** setStudentScore(**int** score) {

**if**(score<0|| score>100) {

String s = "Student score is outside of acceptable values";

IllegalArgumentException e = **new** IllegalArgumentException(s);

**throw** e;

}

}

/\* Exercise 3

\* We say the program threw an error.

\*/

/\*Exercise 4

\* The two types of exceptions are checked, and unchecked.

\*/

/\*Exercise 5

\* The checked exception requires handling

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/\*Exercise 6

\* You can handle a checked exception by throwing it up

\* the process tree or using a try, catch, finally block

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/\*Exercise 7

\* Yes but it's not good practice

\*/

/\*Exercise 8

\* An example of a checked exception is an IOException.

\* It can be caused from corrupted documents

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/\*Exercise 9

\* An example of an unchecked exception is an ArrayOutOfBoundsException

\* This is caused by a programmer error in which the array

\* is smaller than the index chosen

\*/

/\*Exercise 10

\* public String car (int xs) throws ArithmeticException

\* {

\* }

\*/

}