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\* Class:Lesson\_12 Ex12.1-17,14 Pg.12.3-4 Author: Yin Linhai

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\* Answers to the lesson 12 exercises

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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;

**import** java.util.Scanner;

**public** **class** Lesson\_12 {

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\* **@param** args

\*/

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

**int** x = 0;

**int** y = 0;

**int** k = 0;

**int** p = 0;

**double** q = 0;

**int** v = 2;

//Blue Pelican Lesson 12 Exercises

//Exercise 1

**while** (x<y)

{

}

//Exercise 2

**do**

{

}

**while** (x>y);

//Exercise 3

**int** m = 97;

**while** (m<=195) {

k = k \* k + 3 \* m;

p = p + m + 1;

m++;

}

//Exercise 4

**do** {

k = k \* k + 3 \* v;

q = Math.*sqrt*(q + v + 1);

v\*=3;

} **while** (v<=195);

/\*\* Exercise 5

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\* if(i<1)

\*/

/\*\*Exercise 6

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\* The do has a semicolon on the end of it

\*/

/\*\*Exercise 7

\*

\* An infinite number of times

\*/

//Exercise 14

//declarations

**int** input, output;

Scanner scan = **new** Scanner(System.*in*);

**do** {

System.*out*.println("Enter an integer");

input = scan.nextInt();

**if** (input == 0) {

**break**;

} **else** {

output = input^2;

System.*out*.println("Your number squared is " + output);

}

} **while** (**true**);

}

}