/\*\* =======================================================================

\* Class:Lesson\_18 Ex18.1-5,7-16 Pg.18.6-7 Author: Yin Linhai

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\* The answers for Blue Pelican Lesson 18 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

\*========================================================================\*/

**package** exercises;

**public** **class** Lesson\_18 {

/\*\*

\* **@param** args

\*/

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

//Blue Pelican Lesson 18 exercises

//Exercise 1

**double** []sgt = **new** **double** [800];

/\*\*Exercise 2

\*

\* 21 is printed

\*/

//Exercise 3

**for** (**int** j = 0; j<sgt.length; j++) {

sgt[j] = Math.*sqrt*(sgt[j]);

}

/\*\*Exercise 4

\*

\* There are parentheses at the end of length which are unneeded

\*/

/\*\*Exercise 5

\*

\* cr.length is 4

\*/

//Exercise 7

**int** []ref = {1, 2, 3, 4};

**for** (**int** j = 0; j<ref.length; j++) {

**int** sum = 0;

sum = ref[j]^2;

}

/\*\*Exercise 8

\*

\* The code will try to fill more slots in an array than were

\* allotted to the array causing a java error

\*/

/\*\*Exercise 10

\*

\* The value of adc[1] is 56

\*/

/\*\*Exercise 11

\*

\* The value would be 23

\*/

/\*\*Exercise 12

\*

\* It would be null and throw a java ArrayIndexOutOfBoundsException

\* if you tried accessing adc[5]

\*/

/\*\*Exercise 13

\*

\* The following code segment takes an element of b[j] and solves for

\* the absolute value of it, and setting that as the element

\*/

/\*\*Exercise 14

\*

\* >>>1234

\*/

//Exercise 15

**int** indx;

**int** []pg = {1, 2, 3, -1, -2, -3};

**for** (indx = 0; indx<pg.length; indx++) {

**if** (pg[indx]<0) {

indx = pg[indx];

**break**;

}

}

/\*\*Exercise 16

\*

\* The system will print

\* Wh

\* ping crane

\*/

}

}