Homework 4 Answer sheet. Name: Brandon Edwards

Multiple choice and True/False

1. b (1 point )

2. b (1 point )

3. a (1 point )

4. true (1 point )

5. d (1 point )

6. e (1 point )

7. d (1 point )

Short Answer

8. a files read position marks the location the next item to be read from a file and the read position when the file is opened is the first readable item in the file. (2 points )

9. a void method doesn’t pass anything to the statement that called it and a value return method is required to pass something back ( 2 points)

10. a parameter is defined by a method as to what kind of argument it can take while an argument is passed into a method when it is invoked ( 2 points)

11. you declare a parameter inside the header of a method within the parentheses after the method name ( 2 points)

Find the errors, rewrite correctly.

12.

int count = 1, total=0;

while (total <= 100) {

total += count;

System.out.print( "The sum of the numbers 1 - 100 is ");

System.out.println(total);

} (2 points )

13.for (int count = 1; count <= 10; count++){

System.out.println(count);

}

(2 points )

14. public static double half(double num) {

double result = num / 2.0;

return result;

}

( 2 points ) Find the Error, rewrite correctly in the method definition give on the question sheet.

Algorithm Workbench

15. Scanner keyboard= new Scanner(System.in);

int x = 1;

do {

System.out.print( "Enter a number: ");

x = keyboard.nextint( );

} while (x > 0);

(2 points )

16.for(int count = 0; count < 50; count++){

System.out.println( "count is " + count);

}

(2 points )

Programming Challenge. Write pseudocode only.

17.

import scanner, declare three doubles (speed, hours, and distance), ask for speed, ask for hours, make for loop (count <= hours), distance = speed\*hours, output time and distance tastefully.

(5 points )