JAVA PROGRAMMING

CHAPTER 2 TEST

WHAT OUTPUT WOULD THE FOLLOWING MAIN METHODS GENERATE? (10 POINTS EACH).

(1)

{

int a, b, c;

a = 10;

b = 25;

c = 3;

c = (a + b) \* c - 10;

System.out.println ("a= "+ a + " b = " + b);

System.out.print ('\t' + "c= " + c);

}

(2)

{

int a = 10, b = 15, c = 20, d, e;

d = a + b;

e = (b - a) + 4 / 3;

a = b + (c + d) \* 2;

System.out.print ("THE VALUES ARE " + a + " " + b + " " + c + " " +

d + " " + e + '\n' + "ALL DONE");

}

(3)

{

String phrase = "Have a nice day !!";

int stringSize;

char letter;

stringSize = phrase.length();

letter = phrase.charAt(8);

System.out.println(stringSize + " " + letter);

}

(4)

{

int a = 4, b = 10, c = 7, d;

d = a + c;

//b = a \* 3

a = b \* 3;

/\* c = a + d \*/

System.out.println (a + " " + b + " " + c + " " + d);

}

(5)

{

String firstName = "Arthur";

String lastName = "Jones";

String newFirst;

String newLast;

newFirst = firstName.toLowerCase();

System.out.print(newFirst + " " + firstName + '\n');

newLast = lastName.toUpperCase();

System.out.println(newLast + " " + lastName);

}

(6)

{

double a = 2.0, b = 8.0, x;

int c = 4, d = 6, y;

x = a / b;

y = d / c;

System.out.println( x + " " + y);

}

(7)

{

int a = 5, b = 7, c = 3, d = 10, e, f;

e = a + b \* 7 - 6;

f = 8 - c \* 2 + d \* 2;

System.out.println(e + " " + f);

}

WRITE A COMPLETE JAVA PROGRAM THAT SOLVES THE FOLLOWING PROBLEM.

(30 POINTS)

Write a Java program that asks the user to enter 3 test scores. The program should display each of the test scores and the average of the test scores.

Use the SCANNER CLASS to handle the user’s input from the keyboard.