1. Circle the following identifiers (variable names) that are valid in Java.

t/is it\_is it$is $itis \_itis it1is

1itis /itis it is

1. What does this print? How many lines of text are produced?

System.out.println(“Hello”);

System.out.print(“How are you today “ + “Ted?”);

System.out.println(“I hope well”);

System.out.println(“Goodbye\tfor\nnow”);

1. What does this print? How many lines of text are produced?

System.out.println(“1x3\tx3\nfwd\\fs\nes\tas\””);

1. What would be stored in the variables after each assignment statement?

double a = 6 / 4;

int b = 6 / 4;

double c = 6.0 / 4;

int d = 6.0 / 4;

1. What would be stored in the variables after each assignment statement?

double a = (double)(6 / 4);

int b = (int)(6 / 4);

double c = (int)(6.0 / 4);

int d = (int)(6.0 / 4);

1. What would be the results of the following variables in Java?

int a = (10 + 10) / 4 \* 6 – 5;

int b = (10 + 10) - 4 / 2 + 3;

int c = 100 / 30 / 2;

int d = 16 % 3;

int e = 10 \* 3 % 12;

1. What would print for each of the following?

System.out.println(“The answer is: ” + 5 + 10);

System.out.println(5 + 10 + “ is the answer.”);



1. What would print for this statement?

System.out.println(Math.pow(Math.sqrt(4), Math.abs(5-8)));

1. What would each of these statements print?

String s = “OPRF in Oak Park, IL”;

* 1. System.out.println(s.substring(5, 9));
  2. System.out.println(s.substring(15));
  3. System.out.println(s.indexOf(“P”));
  4. System.out.println(s.indexOf(“X”));
  5. System.out.println(s.substring(s.length()-2));
  6. System.out.println(s.indexOf(s.substring(0,1) + “a”));

1. These statements would produce random integers in what range?

int x = (int)(Math.random()\*5)+3;

int y = (int)(Math.random()\*10)+101;

Sample Free Response:

Write a code snippet that would ask for two numbers from the keyboard (with prompts) and print the product of the numbers. (no need for the static void main and all of that stuff, just the guts of the code)