**Programming Principles 02 Tutorial 01**

1. Write Java code to display “Hello World” and compile and execute the program
2. Write Java code to display your name and compile and execute the program
3. Write Java code that prompts the user to enter his or her height and assigns the user’s input to a variable named height and display the same
4. Write Java code that prompts the user to enter his or her favorite color and assigns the user’s input to a variable named color and display the same
5. Find the incorrect assignment statements from the following:

Var1 = “7689” ;

Var2 == “Hi” ;

Var3 = Hello 3 = Var4  ;

1. Assume the variables result, w, x, y, and z are all integers, and that w = 5, x = 4, y = 8, and z = 2. What value will be stored in result after each of the following statements execute?

  a. result= x+ y ;

b.result= z \* 2 ;

c. result = y / x ;

d.result= y – z ;

e. result= w % z;

write program to demonstrate the outcome of the above program

1. Write a Java code that assigns the sum of 10 and 14 to the variable total and display the same
2. Write a Java code that subtracts the variable down\_payment from the variable  total and assigns the result to the variable due.
3. Write a Java statement that multiplies the variable subtotal by 0.15 and assigns the  result to the variable total.   Write program to demonstrate the outcome of the above program
4. What would the following display?

a=5;

  b=2 ;

c=3;

  result = a + b \* c;

System.out.println(result)  ;

1. Will the following code print an error? If not, what will be the output?

 a = 20 ;

b = 40 ;

c = 30 ;

(x, y, z) = (a, b, c);

System.out.print(x, y, z)  ;

1. Assume the variable sales references a double value. Write a statement that displays the value rounded to two decimal points.
2. Assume the following statement has been executed:

 number = 1234567.456

Write a Java statement that displays the value referenced by the number variable  formatted as  1,234,567.5