

CISS240: Introduction to Programming
Quiz q0301

Name: _____

Score:

This is a closed-book, no compiler, 2 minute quiz.

Q1. Write one C++ statement that declares an integer variable with the name `i` and initialize it with the value of 0.

ANSWER:

(What must a C++ statement end with?)

Q2. Write one C++ statement that declares an integer variable `j` without initialization, and then write another statement that assigns 0 to `j`.

ANSWER:

Q3. Write *one* C++ statement that declares two integer variables, one called `x` and another called `y`. Initialize `x` with 0 and `y` with 1.

ANSWER:

Q4. Before the following statement is executed, integer variable `x` has a value of 5 and integer variable `y` has a value of 2.

```
x = x + y;
```

(a) What is the value of `x` after the above statement is executed?

ANSWER:

(b) What is the value of `y` after the above statement is executed?

ANSWER:

Q5. Before the following statements are executed, the integer variables `x` has a value

of 5, the integer variable `y` has a value of 2, and the integer variable `z` has a value of 3.

```
y = y + 1;  
x = x + y + z;  
z = x + z / y;
```

(a) What is the value of `x` after the above statements are executed?

ANSWER:

(b) What is the value of `y` after the above statements are executed?

ANSWER:

(c) What is the value of `z` after the above statements are executed?

ANSWER:

Q6. The integer variable `n` is already declared. Write one C++ statement to get an integer input from the user (via the keyboard) and give this integer value to `n`.

ANSWER:

Q7. Write the following statements. Declare an integer variable `i` (without initialization). Get an integer input from the user (via the keyboard) and store that value in `i`. Declare an integer variable `d0` and initialize it with the rightmost digit of `i` in `d0`. (The “rightmost digit” of 135246 is 6.) Print the value in `d0`.

ANSWER: