Short Answer Questions

1. Write a single C++ statement that will:

Print the string “World” using the variable: string s = “Hello World”.

2. Write a single C++ statement that will:

Print the letter “W” given the code and using the string: string greeting = “Hello World”

3. Write a single C++ statement that will:

Print the answer for regular division of the integers a divided by b.

For example, given int a=13, b=3, this statement would print 4.3333 etc.

4. Write a single C++ statement that will:

Print the ASCII integer value of the variable: char c = ‘K’

5. Write a single C++ statement that will:

Print the last digit of any number stored in an integer variable n.

For example, given int n = 5623, print 3.

6. Write C++ statements that will:

Print a quotient and remainder of 19 / 14.

7. Given the following code, what is the final value of x?

int x=1, y=2, z=3;

bool w=true;

x=w=y-z;

Write a program.

a. Store the string “New York Rangers” into a variable.

b. Choose three different string functions to modify the string.

c. Print the string to console once for every modification.

Output Example (input is bold and italicized)

String: New York Rangers

New York Yankees

World Champion New York Yankees

World Champion Yankees

int main()

{

}

Write a program.

a. Request an integer dollar amount from the console.

b. Calculate how many forever stamps at 55 cents you can buy.

c. Calculate and print the amount of leftover cents.

Output Example 1 (input is bold and italicized)

Enter a dollar amount as an integer: ***1253***  12 dollars 53 cents

You can purchase 22 Forever stamps @ 55 cents.

You have 43 cents left over.

Output Example 2 (input is bold and italicized)

Enter a dollar amount as an integer: ***364*** 3 dollars 64 cents

You can purchase 6 Forever stamps @ 55 cents.

You have 34 cents left over.

int main() {

}