CSC 201 – Computer Science I

Madeline Navarro

9/6/2016

**Assignment #3**

**Chapter 3 – Programming Warm-Up Exercises 2**

1. To find the whole number of weeks given an amount of days, C++ would use:

weeks = days/7;

1. To find the number of remaining days after removing whole weeks from an amount of days, C++ would use:

daysRemaining = days%7;

**Chapter 3 – Programming Warm-Up Exercises 3**

int totalPennies = dollars\*100 + quarters\*25 + dimes\*10 + nickels\*5 + pennies;

**Chapter 3 – Programming Warm-Up Exercises 4**

float total = dollars + quarters\*.25 + dimes\*.1 + nickels\*.05 + pennies\*.01;

**Chapter 4 – Exam Preparation Exercises 2**

1. cin << score;

should be

cin >> score;

1. cout >> maximum;

should be

cout << maximum;

1. cin >> “Enter data”;

cin must input to a variable only

1. cin.ignore(‘Y’, 35);

The int value must be first, and the char value second.

1. getline(someString, cin);

The input stream variable should be first and the string variable second.

**Chapter 4 – Exam Preparation Exercises 3**

a = 70;

b = 80;

c = 30;

d = 40;

e = 50;

f = 60;

**Chapter 4 – Exam Preparation Exercises 5**

1. The variable string1 contains “January”, and string2 contains “25,”.
2. The reading marker is at the whitespace after the comma.

**Chapter 4 – Exam Preparation Exercises 6**

1. The variable string1 contains “January 25, 2005”.
2. The reading marker is at the next line after the newline character which comes after “2005”, because the newline character is consumed.

**Chapter 4 – Exam Preparation Exercises 11**

1. Include the library header which contains the input and output file streams; the header file is fstream.
2. Declare the file streams to be used; the data types to be declared as variables are ifstream and ofstream.
3. Open both each file for reading or writing.
4. In each input or output statement, specify the name of the file stream.

**Chapter 4 – Exam Preparation Exercises 14**

ifstream inData;

string name;

cout << “Enter the name of the file: “;

cin >> name;

inData.open(name.c\_str());

**Chapter 4 – Exam Preparation Exercises 15**

After a file enters the fail state, any input operation is a null operation. The program will use whatever unknown value from the input without displaying an error message.