

Please use this *Sample* as a guide for your programming assignments.

## SAMPLE PROGRAMMING ASSIGNMENT DESCRIPTION

**This is a SAMPLE Assignment – Use it as a guide for writing your program. Do NOT Hand in This as Your Program #1 Assignment! (Some Students do!)**

This is a sample of a C program that converts a specified dollar amount to: English Pounds, French Francs and German Marks. (Assuming we are using the old currency scheme, and not Euros.) The following exchange rates should be used in the program:

1 dollar is equivalent to:

0.656 Pounds  
6.315 Francs  
1.854 Marks

The output from the program should look like the following:

12.95 US dollars is equivalent to:

8.50 English Pounds  
81.78 French Francs  
24.01 German Marks

**Note:** The output above is shown in **blue** color for clarity only. Your output will not (and should not) be in blue.

## SAMPLE ALGORITHM

This is a basic outline of the steps that need to be taken to solve the problem.

1. Convert US dollars into foreign currency.
  - 1.1 Convert US dollars into English Pounds:  
pounds = dollars \* pound exchange rate.
  - 1.2 Convert US dollars into French Francs.  
francs = dollars \* franc exchange rate.
  - 1.3 Convert US dollars into German Marks:  
marks = dollars \* mark exchange rate.
2. Display results.
  - 2.1 Display US dollars.
  - 2.2 Display English Pounds.
  - 2.3 Display French Francs.
  - 2.4 Display German Marks.

**The next document in this Resources folder contains the actual source code for the above program.**