Topics: Computers, Programming Languages and C++ Basics:

Complete the following questions and submit your answers by the due date:

1. a) The first person credited for being the first computer programmer was Ada Augusta (T/F)
   b) In ASCII Coding, every character is coded as a sequence of 8 bits (T/F)

2. a) What is a source program?
    b) What is the purpose of a compiler?

3. a) Name 3 input devices
    b) Name 3 output devices

4. a) Design an algorithm to convert the change given in quarters, dimes, nickels and pennies into pennies
    b) Given the radius, in inches, and price of a pizza, design an algorithm to find the price of the pizza per square inch

5. Explain why you would prefer to write a program in a high level language rather than a machine language?

6. Write the program described below

Write a C++ program that displays UMHB using asterisks.

A simple look-and-feel for the application is provided below.

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