Assignment – Functions –

55 point – 5 points each functions. Remember to include your name and comments

1. Write a function that asks the user their first name, last name and the city where they live. Display the greeting that welcomes them with their first and last name and it includes the city from where they live – i.e. Hello Bubba Jones from Kalispell.

2. Write a function called AreaOfTriangle (1/2*base*height). You will write this function four times each time adding an _a, _b, _c, and _d at the end of the function name.

    a. Where the main program provides the base and height and the function returns the answer (like add2nums_a)

    b. Where the main program provides the base and height and function displays the answer within the function (like add2nums_b)

    c. Where the main program function asks for the base and height within the function and returns the answer. (like add2nums_c)

    d. Where the function asks for the base and height and displays the answer within the function (like add2nums_d)

Write the following as functions where like the class example where the main program asks the question and displays the answer (you need to in provide data in the parenthesis and return a value).

3. Ask the user for a speed in mph and convert it knots. Display the answer.
4. Ask the user for a speed in knots and convert it mph. Display the answer.
5. Ask the user for three numbers, average the numbers and display the answer.

Write the following as functions like the in-class example where the function asks the questions, calculates the answer and displays the answer. (The parenthesis will be empty and the function will not return any data).

6. Ask the user for the monthly salary and the number of months they have worked at that salary. Calculate the gross pay for that time period and display the answer.
7. Ask the user for a Fahrenheit temperature and convert it to Celsius. Display the answer.
8. Request the user for a Celsius temperature and convert it to Fahrenheit. Display the answer.