Programming with C Language

Tutorial 07 – Functions in C Language

1. Write a function that will read 2 numbers and calculate and display sum and difference.
2. Write a function that accepts 2 numbers as parameters and calculate and display sum and difference.
3. Write a function that accepts 2 whole numbers as parameters and calculate and return the product.
4. Write a function that accepts 2 whole numbers as parameters and calculate and return the quotient.
5. Write a function to read 2 numbers and display the sum. Call this function from the main function several times.
6. Write a function which accepts 2 integers as parameters and display the sum, difference and product using a single printf statement.
7. Write a function which accepts an integer and a float value as parameters and return the product as a double value. Display the result from the main function.
8. Give the function header for each of the following functions.
    a. Function hypotenuse that takes two double-precision floating-point arguments, side1 and side2, and returns a double-precision floating-point result.
    b. Function smallest that takes three integers, x, y, z, and returns an integer.
    c. Function instructions that does not receive any arguments and does not return a value. [Note: Such functions are commonly used to display instructions to a user.]
    d. Function intToFloat that takes an integer argument, number, and returns a floatingpoint result.