

Functions

For the previous programs we wrote so far, we used two functions: printf and scanf. We do not know how these two functions work exactly and most of the time we do not care. The only thing we need to know about these functions is their syntax. Function provides the mechanism for producing programs that are easy to write, read, understand, debug, modify, and maintain.

Tasks:

1. Write a c program that ask the user to input 3 integers then call a function to calculate their sum and average.
2. Write a c program that finds the square of any number using a function.
3. Write a c program to check if a given number is prime or not using a function
4. write a c program calculates the factorial of any given number using a function
5. Write a c program to compare 3 integers and prints out the smallest using a function
6. write a c program print out all odd numbers between 20 and 50 using a function
7. Write a c program that has 4 functions: add, subtract, multiply and divide. The program will ask the user to input two numbers the choose which operation to perform.