

IECS 103 Introduction to Computer Science Lab I
Lab 7

1. Write a C function that calculates the value of $N!$ where N is a positive integer. Also write a main program to verify your function.
2. Write a C function that calculates the sum of integers from 1 to N . Also write a main program which reads in the integer N to verify your function.
3. Write a C function that prints first N positive even numbers. Please print 10 numbers on each line. Also write a main program to verify your function.
4. Write a C function to solve a quadratic equation $ax^2 + bx + c = 0$. Please read in a, b, c as float from keyboard. Also write a main program to verify your function.
5. Write a C function that prints the following patterns. Also write a main program to verify your function by reading the number of lines to be printed.

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