CMPE 108 Programming Fundamentals

Laboratory Work 5: Introduction to Repetitive Structures

OBJECTIVES:
1. Evaluation of while loops.
2. Evaluation of do-while loops.

Tasks:

1. Write a C program that calculates the average of N positive integers and prints the value of N and average on the screen using, a while loop structure.

2. Write a C program that prompts the user to enter a number. If the number is even, the program will calculate the square of the number and print it on the screen, and ask for another number. If the number is odd, the program will print the negation of the number on the screen, and then ask for another number. The program will continue until the user enters the number 0 (zero). Use the do-while loop structure.