

**Loops**

Prints all integers 1 thru 100 on the same line delimited by a single space.

Write a C program to find the sum all values of an array.

Prints all even integers 0 up to n in reverse order

A list of integers divisible by 3 between a and b where a, b are parameters or inputs

Write a programming using arrays to find how many numbers are odd and how many are even.

Prints all even integers 2 thru 200 on 10 different lines (10 numbers on each line)  
in reverse order

Civil engineers have come up with two different models on how a city's population will grow over the next several years. The first projection assumes a 10% annual growth rate while the second projection assumes a linear growth rate of 50,000 additional citizens per year. Write a program to project the population growth under both models. Take, as input, the initial population of the city along with a number of years to project the population.  
In addition, compute how many years it would take to double the population under each model.