

1. Write a program that generates all odd numbers from 1 to n. Set n in the beginning of the program and use a while loop to compute the numbers.
2. Write a program that computes the sum of the integers from 1 up to and including n. Compare the result with the famous formula $n(n + 1)/2$.
3. Write a program to find all factors of a given number. Also, test the function with an example number and print the factors found.