ASSIGNMENT

1. Write a menu driven program to accept a number and
    a. Calculate sum of digits of integer
    Input: 9362
    Output: 9 + 3 + 6 + 2 = 20

    b. Reverse the number
    Input: 9362
    Output: 2639

    c. Check whether given number is numeric palindrome or not
    Input: 9362
    Output: 9362 is not a numeric palindrome
    Input: 36963
    Output: 36963 is a numeric palindrome

    d. Check whether it is Armstrong no. (when sum of cube of all digits of equals the number
    then the number is called as Armstrong number)
    Example: 153
    (1 * 1 * 1)+(5 * 5 * 5)+(3 * 3 * 3) = 1 + 125 + 27 = 153
    Input: 936
    Output: 936 is not an Armstrong number
    Input: 153
    Output: 153 is an Armstrong number

2. Using **For loop** & **While loop**
    Write a program to display n terms of Fibonacci series
    Input: 6
    Output: 1, 1, 2, 3, 5, 8