

**1D) while loop Write a C++ program to print the Fibonacci series 0 1 1 2 3 5 8 13 .... By getting number of number to be displayed is given as input Eg. 5 is input value means it should print first 5 numbers 0 1 1 2 3**

```
#include <iostream>
using namespace std;
int main() {
    int n, t1 = 0, t2 = 1, nextTerm = 0;
    cout << "Enter the number of terms: ";
    cin >> n;
    cout << "Fibonacci Series: ";
    for (int i = 1; i <= n; ++i) {
        // Prints the first two terms.
        if(i == 1) {
            cout << t1 << ", ";
            continue;
        }
        if(i == 2) {
            cout << t2 << ", ";
            continue;
        }
        nextTerm = t1 + t2;
        t1 = t2;
        t2 = nextTerm;
        cout << nextTerm << ", ";
    }
    return 0;
}
```