Aim: To find nth term of Fibonacci series.

Code:

#include <iostream>

using namespace std;

int fib(int n)

{

int first = 0, second = 1, ans;

if (n == 0)

return first;

for (int i = 2; i <= n; i++) {

ans = first + second;

first = second;

second = ans;

}

return ans;

}

int main()

{

int n;

cin >>n ;

cout << fib(n);

return 0;

}