Lab Assignment fibonacci series

Source code:

#include <iostream>

#include <conio.h>

using namespace std;

int fib(int a)

{

if (a==0) // print 0

{

return 0;

}

else if (a==1) // print 1

{

return 1;

}

else

{

return (fib(a - 1) + fib (a - 2)); // fib(2-1) + fib(2-2) = 1

}

}

void main()

{

int n,ans;

cout << "How many series you want: ";

cin >> n;

for (int a = 0; a < n; a++)

{

ans = fib(a);

cout << "fibonacci is " << ans << endl;

}

getch();

}

Output:



