LAB TASK 1:

```cpp
#include <iostream>

using namespace std;

int main(){

int n,prevnum,currentnum,nextnum;

cout<<"enter a number"<<endl;

cin>>n;


for(int j=0;j<n;j++){

    prevnum=0;

currentnum=1;

for(int i=0;i<=j;i++){

  nextnum=prevnum+currentnum;

  prevnum=currentnum;

  currentnum=nextnum;

}

cout<<endl<<prevnum;

}

return 0;

}
```
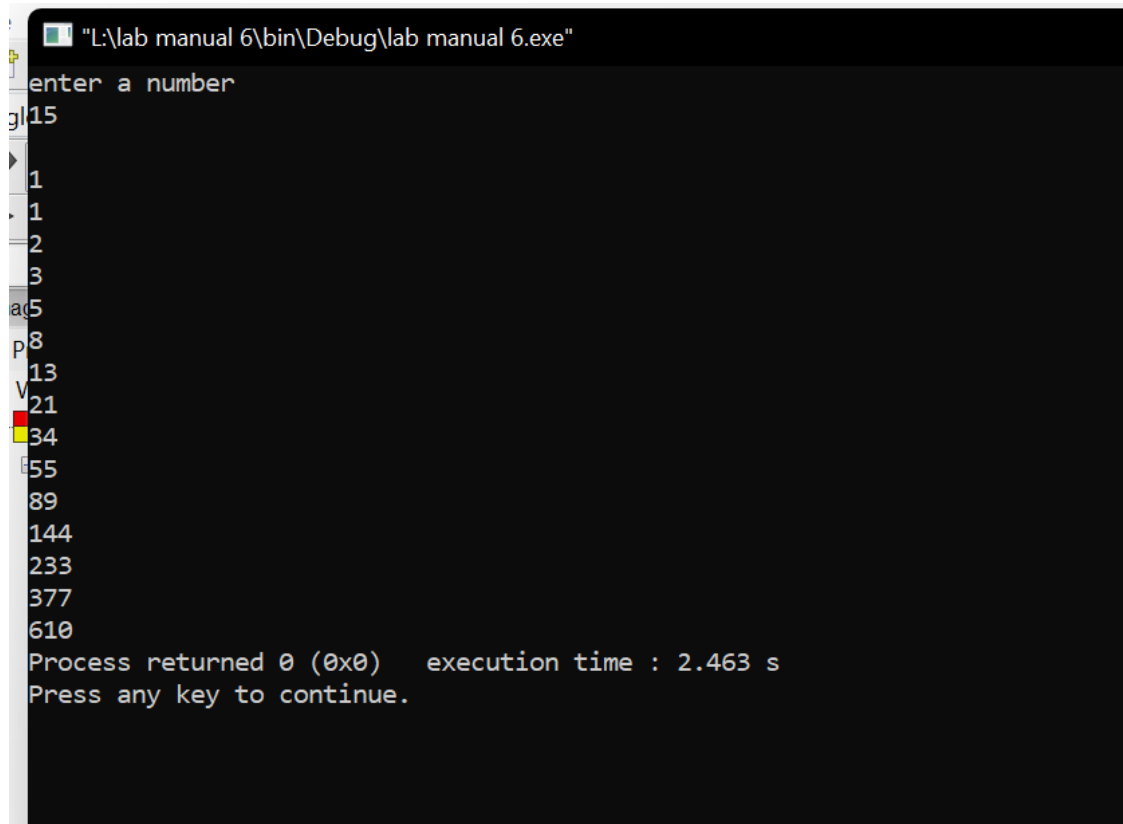
```
enter a number
15
1
1
2
3
5
8
13
21
34
55
89
144
233
377
610
Process returned 0 (0x0)   execution time : 2.463 s
Press any key to continue.
```

LAB TASK 2:

```cpp
#include <iostream>
using namespace std;
int main()
{
    int rows,num=1;
    cout<<"enter the number of rows";
    cin>>rows;

    for(int i=0;i<=rows;i++){
        for(int j=0;j<=i;j++){
            cout<<num<<" ";
            ++num;
        }
        cout<<endl;
```
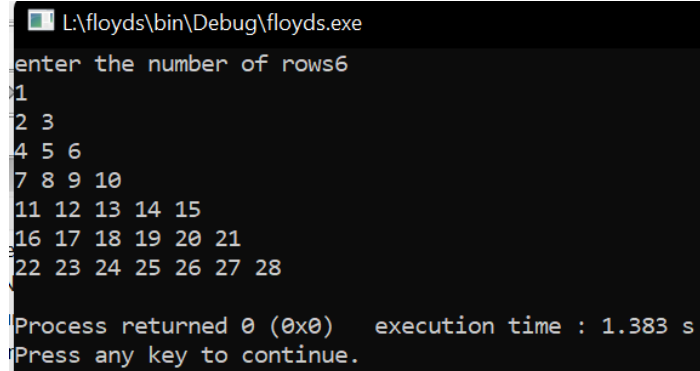
```
    }

    return 0;
}
```

```
L:\floyds\bin\Debug\floyds.exe

enter the number of rows6
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
16 17 18 19 20 21
22 23 24 25 26 27 28

Process returned 0 (0x0)    execution time : 1.383 s
Press any key to continue.
```