

```

#include <iostream>

using namespace std;

int main() {
    int l,n=0,m=1,nextnum;

    cout<<"enter length of fibonaci sequence ";
    cin>>l;

    cout<<"fibonaci sequence is ";
    for (int i=0;i<l;++i) {int j=0;
        do{
            cout<<n<<" ";

            ++j;}
        while(j<0);
        nextnum=n+m;
        n=m;
        m=nextnum;
    }
    cout<<endl;
}

```

//TASK 2

```

int rownum,num=1;

    cout<<"Enter number of rows ";
    cin>>rownum;
    for(int i=1;i<=rownum;i++)
    {
        for(int col=1;col<=i;col++)
        {
            cout<<num<<" ";
            num++;
        }
        cout<<endl;
    }
}

```

```
    return 0;  
}
```

The output of this code is:

```
enter length of fibonacci sequence 12  
fibonacci sequence is 0 1 1 2 3 5 8 13 21 34 55 89  
Enter number of rows 12  
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  
29 30 31 32 33 34 35 36  
37 38 39 40 41 42 43 44 45  
46 47 48 49 50 51 52 53 54 55  
56 57 58 59 60 61 62 63 64 65 66  
67 68 69 70 71 72 73 74 75 76 77 78  
  
-----  
Process exited after 2.021 seconds with return value 0  
Press any key to continue . . .
```