## **Lab Manual:6**

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Question:1

**Generate the Fibonacci sequence** 

```
lasses • • Untitled1.cpp
        1 #include <iostream>
         2 using namespace std;
         4 ☐ int main() {
               int n;
         8
               cout << "Enter number of terms for Fibonacci sequence: ";</pre>
        10
               int firstTerm = 0, secondTerm = 1, nextTerm;
        11
        12
        13
                cout << "Fibonacci Sequence: " << firstTerm << " " << secondTerm << " ";
        14
        15
        17
                 nextTerm = firstTerm + secondTerm;
     nter number of terms for Fibonacci sequence: 4
     Process exited after 1.428 seconds with return value 0
Press any key to continue . . .
```

## **Question:2 Create Floyd's triangle**

```
(globals)
:t Classes • • Untitled1.cpp
            1 #include <iostream>
                using namespace std;
             3 ☐ int main() {
                    int n:
                     cout << "Enter number of rows for Floyd Triangle: ";</pre>
             8
9
            10 |
11 |=
12 |=
13 |
                     for (int i = 1; i <= n; i++) {
                    for (int j = 1; j <= i; j++) {
    cout << number << " ";</pre>
            14
15
            16
                   Enter number of rows for Floyd Triangle: 6
            17
18
            19
20
            21
22
                    Process exited after 2.785 seconds with return value 	heta Press any key to continue . . .
```