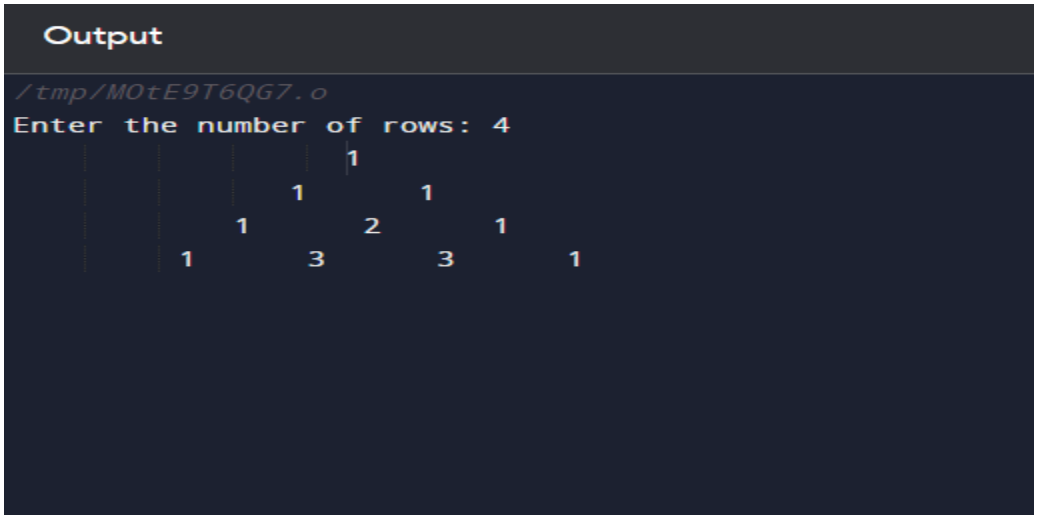
Create Pascal's triangle with nested loops.

```
#include <iostream>

using namespace std;

int main() {

   int rows;

cout << "Enter the number of rows: ";

   cin >> rows;

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

       int number = 1;

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

          cout << "   ";

       }

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

          cout << "     " << number;

          number = number * (i - j) / (j + 1);

       }

cout << endl;

   }

  return 0;

}
```



Generate the Fibonacci sequence using nested loops.

```
#include <iostream>

using namespace std;

int main() {
   int n;
   cout << "Enter the number of terms: ";
   cin >> n;
   int x = 0, y = 1;
   for (int i = 1; i <= n; ++i) {
      cout << x << " ";
      int sum = x + y;
      x = y;
      y = sum;
   for (int j = 2; j <= i; ++j) {
         cout << x << " ";
      int sum = x + y;
         x = y;
         y = sum;
      }
   }
 return 0;
}
```