**Fop Lab Task 6**

**Name:** Hafiz Mufassir Amjad

**CMS ID:** 456049

**Section:** B

**TASK 1**

#include <iostream>

using namespace std;

int main()

{

int sum = 0, length;

int num1 = 0, num2 = 1;

cout<<"Enter length of the sequence: ";

cin>>length;

sum = num1 + num2;

cout<<num1<<", "<<num2<<", "<<sum<<", ";

for (int i = 0; i<length-3; i++) {

num1 = num2;

num2 = sum;

sum = num1 + num2;

for (int j = 0; j<1; j++) {

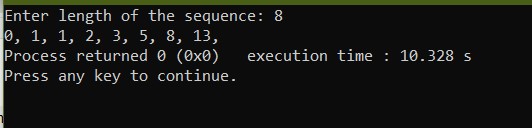
cout<<sum<<", ";

}

}

}

**Output**

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**TASK 2**

#include <iostream>

using namespace std;

int main()

{

int rows;

cout << "Enter the number of rows for Pascal's triangle: ";

cin >> rows;

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

int num = 1;

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

cout << " ";

}

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

cout << " " << num;

num = num \* (i - k) / (k + 1);

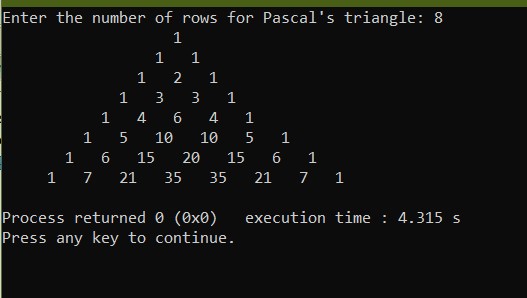
}

cout << endl;

}

}

**Output**

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