CS-114 – Fundamental of Programing

Course Instructor: Dr Khwaja Fahad Iqbal

Lab Instructor: Muhammad Affan

LAB MANUAL #6

Lab TASK

ME 15 Section B

Student Name: Ahmad Aleem Akhtar

CMS ID: 458945

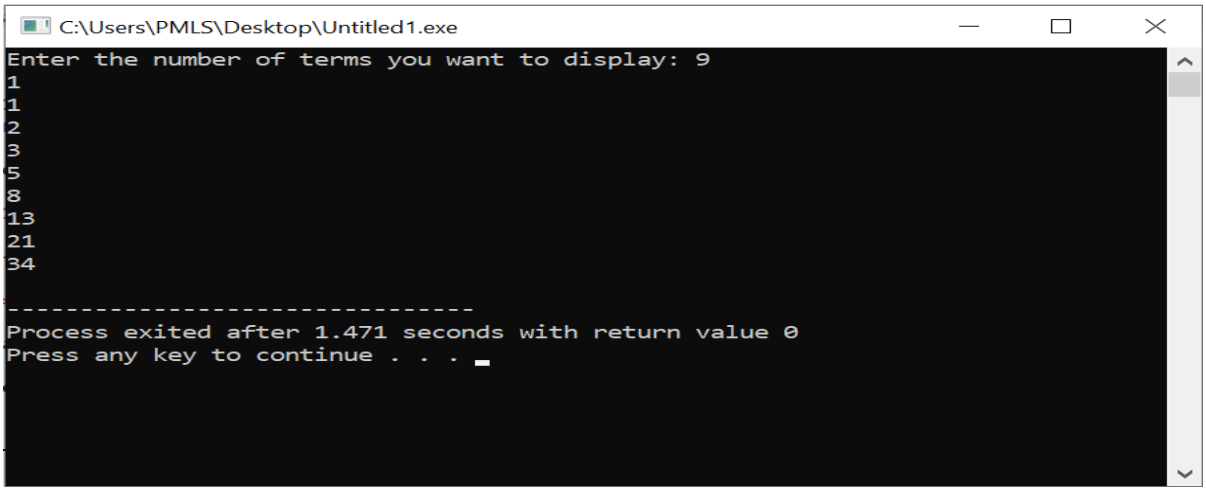
Date of submission: 23-11-2023

Task 1:

Code:

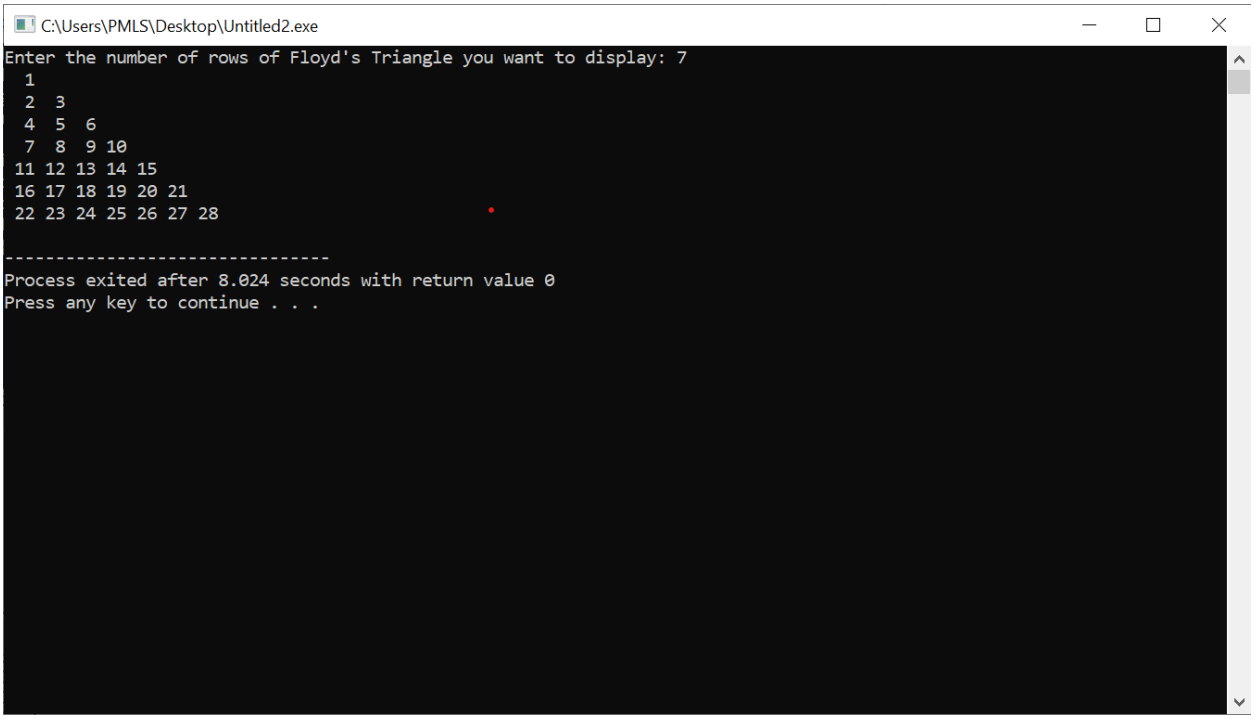
```
#include<iostream>
using namespace std;
int main()
{
	int a=0, b=1, sum=0, i=1, j=1, n=6;
	cout<<"Enter the number of terms you want to display: ";
	cin>>n;
	cout<<b<<endl;

	for(i;i<=n-1;i++)
	{
		for(j;j<=i;j++)
		{
			sum=a+b;

			if(a>b)
				b=sum;
			else
				a=sum;

			cout<<sum;
		}
		cout<<endl;
	}
}
```

Output:



Task 2:

Code:

```
#include<iostream>
#include<iomanip>
using namespace std;
int main()
{
	int n, i, j, k=1;
	cout<<"Enter the number of rows of Floyd's Triangle you want to display: ";
	cin>>n;
	for(i=1;i<=n;i++)
	{
		for(j=1;j<=i;j++)
		{
			cout<<setw(3)<<k;
			k++;
		}
		cout<<endl;
	}
}
```

Output: