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**Section C**

**Lab manual 6(Home Tasks)**

**Q#1**

#include<iostream>

using namespace std;

int main()

{

int n;

cout<<"Enter the maximum number"<<endl;

cin>>n;

int a =0,b=1,c=1;

cout<<a<<","<<b<<",";

while(a<=n)

{

while(c<=n)

{

cout<<c<<",";

a=b;

b=c;

c=a+b;

}

break;

}

return 0;

} **Q#2**

#include<iostream>

using namespace std;

int main()

{

int n;

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

cin>>n;

for(int i=0;i<n;i++)

{

int num=1;

for(int j=0;j<n-i-1;j++)

{

cout<<" ";

}

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

{

cout<<num<<" ";

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

}

cout<<endl;

}

return 0;

}