Lab manual 6:

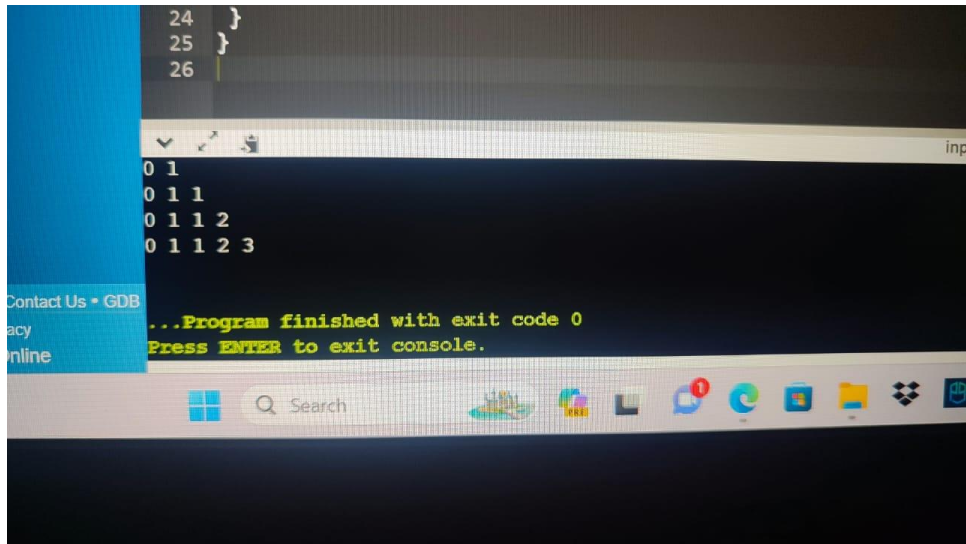## Name: Syed Muhammad Hassaan

Roll no: 460991

Task 1:

```cpp
1. #include <iostream>
2. using namespace std;
3.
4. int main(){
5.   int numr, count, num1, num2, sum, count2;
6.   num1=0;
7.   num2=1;
8.   cout<<"Enter Number of Rows: ";
9.   cin>>numr;
10.  cout<<num1<<endl;
11.  cout<<num1<<" "<<num2<<endl;
12.  cout<<num1<<" "<<num2<<" "<<num1+num2<<endl;
13.  for(count=3; count<numr; count++){
14.  num1=0;
15.  num2=1;
16.  cout<<num1<<" "<<num2<<" ";
17.  for(count2=2; count2<=count; count2++){
18.  sum=num1+num2;
19.  num1=num2;
20.  num2=sum;
21.  cout<<sum<<" ";
22.  }
23.  cout<<endl;
24.  }
25.  }
```
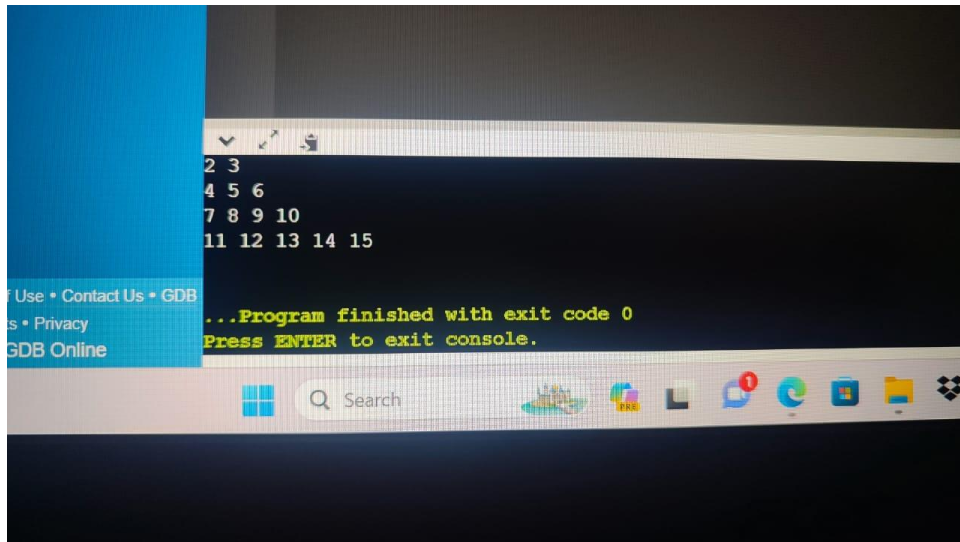
24.

Task 2:

1. #include <iostream>
2. using namespace std;
3. int main(){
4. int count, number, numr, count1;
5. cout<<"How many Rows?";
6. cin>>numr;
7. number=0;
8. for(count=0; count<=numr; count++){
9. for(count1=0; count1<=count; count1++){
10. number=number+1;
11. cout<<number<<" ";
12. }
13. cout<<endl;
14. }
15. }

```
2 3
4 5 6
7 8 9 10
11 12 13 14 15
```

...**Program finished with exit code 0**
Press ENTER to exit console.

16.