- <u>Fundamental of programming</u>
  Name: Muhammad Ali
  CMS : 461603
  Sec : ME-15(B)
  Task#01

Code:

```cpp
#include <iostream>

using namespace std;

int main()
{
  int n;
  cout<<"please enter a number of fibonacci number to generate :";
  cin>>n;
  int a=0;
  int b=1;
  cout<<a<<","<<b<<",";
  int temp;
  for(int i=2;i<n;i++){
    for(int j=0;j<i-1;j++){
      temp=a+b;
      cout<<temp<<",";
      a=b;
      b=temp;

    }
  }
   return 0;
}
```
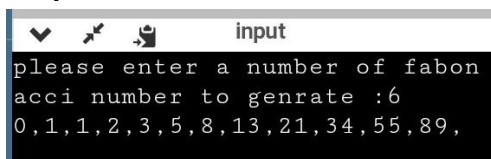
Output:

Task#02
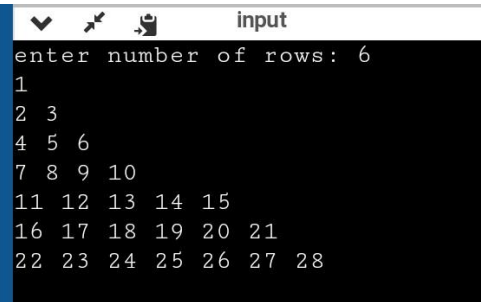
```cpp
#include <iostream>

using namespace std;

int main()
{
  int r;
  cout<<"enter number of rows: ";
  cin>>r;
  int num=1;
  for(int i=0;i<=r;i++){
```

```
    for(int j=0;j<=i;j++){
        cout<<num<<" ";
    num++;
    }
    cout<<endl;
  }
   return 0;
}
```

Output:

```
enter number of rows: 6
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
16 17 18 19 20 21
22 23 24 25 26 27 28
```