

Name: Areeb Ur Rehman.

CMS ID : 463157.

LAB TASK 6

TASK 1:

```
#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;
```

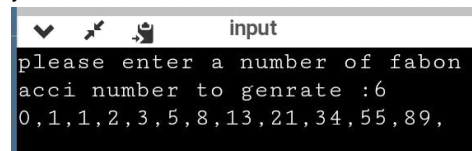
```
            b=temp;
```

```
        }
```

```
    }
```

```
    return 0;
```

```
}
```



```
input
please enter a number of fibonacci
number to generate :6
0,1,1,2,3,5,8,13,21,34,55,89,
```

TASK 2

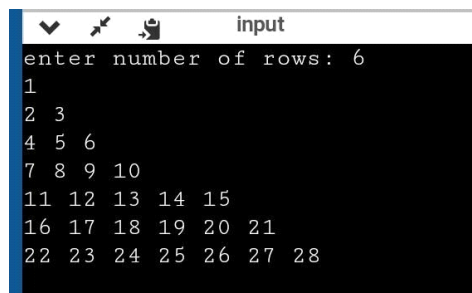
```
#include <iostream> using
```

```
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;  
}
```



```
input  
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
```