

```
#include <iostream> //255|

using namespace std;

int main()
{
    int a, b, n, aux;

    cin >> n;
    a=0;
    b=1;
    for (int i=1; i<=n; i++)
    {
        cout << b<< " ";
        aux= a+b;
        a=b;
        b=aux;
    }
    return 0;
}
```

```
#include <iostream>//424
using namespace std;
int main()
{
    long long a, b, n;
    cin>>a>>b>>n;
    if(a>b)
        swap(a, b);
    while(b<=n && -n<=b)
    {
        cout<<111*a<<" ";
        long long aux=111*a+b;
        a=111*b;
        b=111*aux;
    }
    cout<<111*a;
    return 0;
}
```

```
#include <iostream>//423
using namespace std;
int main()
{
    int a, b, n;
    cin>>n;
    a=1;
    b=1;
    while(b<=n)
    {
        cout<<a<<' ';
        int aux=a+b;
        a=b;
        b=aux;
    }
    cout<<a;
    return 0;
}
```

```
#include <iostream>//2420
using namespace std;

int main()
{
    int n;
    cin >> n;
    int sum=0;
    for(int i=2;i<n;++i)
    {
        sum=sum+n/i;
    }
    if(n==1)
        cout<<n;
    else
        cout<<sum+n+1;
    return 0;
}
```

```
#include <iostream>
#include <fstream>

using namespace std; //3266|

ifstream in("sir147.in");
ofstream out("sir147.out");

int main()
{
    int x;
    while (in >> x)
        if (x % 3 == 1)
            out << x << ' ';
}
```

```
#include <iostream>
using namespace std; //1464
long long int p,k;

int main()
{
    cin>>p>>k;
    long long int j=k/2;
    if(k%2)
        cout<<p+j*30;
    else
        cout<<p+j*10+(j-1)*20;
    return 0;
}
```

```
#include <fstream>
using namespace std;
ifstream cin("fibo0.in");
ofstream cout("fibo0.out");//3176
int main()
{
    int x, y, cnt = 0;
    while(cin >> x >> y)
        if(y % x == 0)
            cnt++;
    cout << cnt;
    return 0;
}
```