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#include <iostream>
#include <stdio.h>
#include<stdlib.h>
#include<math.h>
#include<time.h>
using namespace std;

int main()
{
    long int p[40] = {1, 1};

    for (int i = 0; i <= 37; i++)
        p[i + 2] = p[i] + p[i + 1];

    for (int i = 0; i <= 39; i++)
        cout << p[i] << endl;

    return 0;
}
```