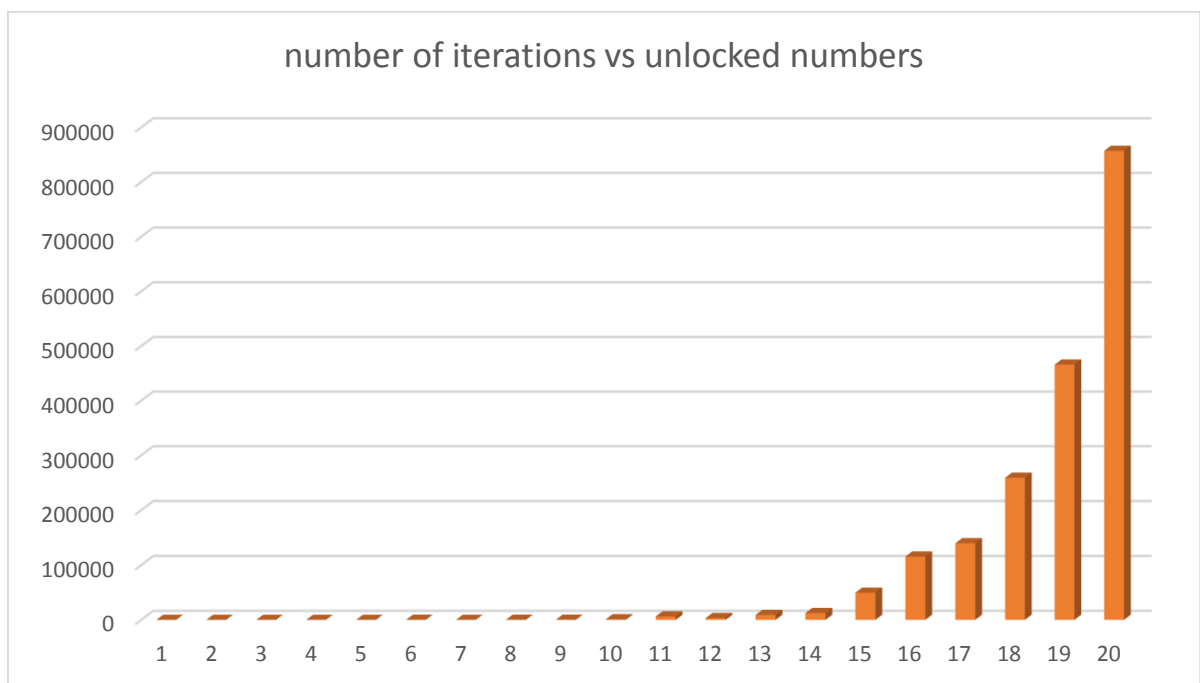


length key	iteration
1	0
2	2
3	6
4	1
5	6
6	72
7	47
8	116
9	235
10	1060
11	6230
12	3304
13	8903
14	12392
15	49501
16	115239
17	139643
18	259058
19	465855
20	856872



Programm code:

```
#include "stdafx.h"
#include "time.h"
#include <iostream>
#include <fstream>

using namespace std;

int inputs[20];
int answers[20];
ofstream file_best;
ofstream file_chromo;
int gen=0;

void inp()
{
    for(int i=2;i<20;i=i+1)
        inputs[i][4]=1;
    for(int i=2;i<32;i=i+4)
    {
        inputs[i][3]=1;

        var test = new List<int>();

        for(int j = 0; j < i; j++)
        {
            test.Add(rnd.Next() % 2);
        }
        for (int z=0; ;z++)
        {
            bool IsOk = true;
            var x = new List<int>();
            for (int j = 0; j < i; j++)
            {
                x.Add(rnd.Next() % 2);
            }
            for(int j = 0; j < i; j++)
            {
                if (test[j] != x[j])
                {
                    IsOk = false;
                    break;
                }
            }
            if (IsOk)
            {
                average.Add(z);
                break;
            }
        }
    }
}

file_chromo.open("ch.txt",ios_base::trunc);
inp();
answer();
for(int i=0;i<300;i++)
```

```
    {  
        work();  
        sort();  
        stats();  
    }  
    return 0;  
}
```