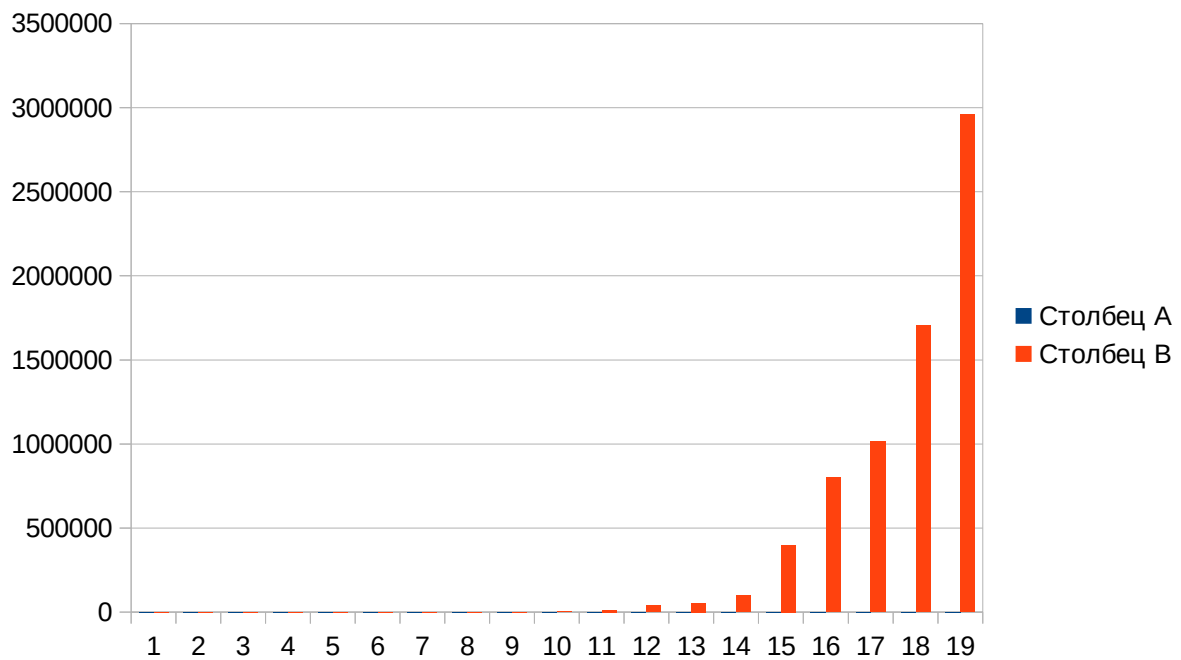




```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.IO;

namespace siit_5
{
    class Program
    {
        static void Main(string[] args)
        {
            var average = new List<int>();
            Random rnd = new Random();
            for(int i = 2; i <= 20; i++)
            {

                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;
}

}
}
StreamWriter wrtite = new StreamWriter("123.txt");
for(int i = 0; i < average.Count; i++)
{
    Console.WriteLine(average[i]);
    wrtite.WriteLine(average[i]);
}
wrtite.Close();
Console.ReadKey();
}
}
}

```