


Users > MAXXXYMIRON > Downloads > .ПАРЫ > ЭВМ > ПРАКТИКА > КЭШ - Объем >  main.cpp > ...

```
#include<iostream>
#include<ctime>
#include <stdio.h>
#include <time.h>
using namespace std;

int main()
{
    int n = 1000000;
    char* arr = new char[n];
    for (int i = 0; i < n; i++)
    {
        arr[i] = 2;
    }

    unsigned long start = 0,
        end = 0,
        countJump = 0;

    double time = 0,
        timeCash = 0;

    char var = 0;

    double LengthCash = 0;
```

```
double LengthCash = 0;

for (int i = 0; i < n; i++)
{
    start = clock();

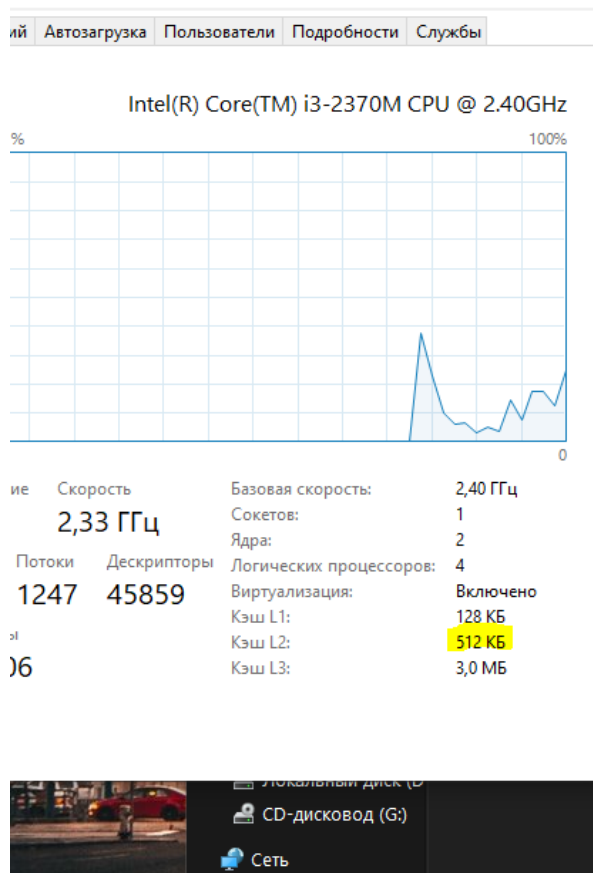
    var = arr[i];
    var += 5;
    arr[i] = var;

    end = clock();

    time = (double)(end - start) / CLOCKS_PER_SEC;
    if (timeCash < time)
    {
        countJump++;
    }
    timeCash = time;
}
LengthCash += n / countJump;

cout << LengthCash * 8 << " bit" << endl;
cout << LengthCash << " byte" << endl;
cout << LengthCash / 1024 << " kb" << endl;

system("pause");
return 0;
```



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4e+06 bit

500000 byte

488.281 kb

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