

```
#include <iostream>

using namespace std;

int main()
{
    cout << "Eratoszthenesz szitaja" << endl;
    int n, i, j, k, c[1000];
    cout<<"n="; cin>>n; // elemek szama
    for (i=2; i<=n; i++) c[i]=i;
    i=2;
    while (i<=n/2)
    {
        if (c[i] != 0)
        {
            j = 2 * i;
            while (j <= n)
            {
                if (c[j] != 0) c[j] = 0;
                j += i;
            }
        }
        i++;
    } //while vege
    for (i = 2; i <= n; i++)
        if (c[i] != 0) cout<<c[i]<<" ";
    return 0;
}
```