```cpp
#include <iostream>
using namespace std;

int main() {
    for (int num = 1; num <= 1000; num++) {
        int suma = 0;
        for (int i = 1; i < num; i++)
            if (num % i == 0)
                suma += i;
        if (suma == num)
            cout << num << " ";
    }
    return 0;
}
```