



Notebook - Maratona de Programação

#include <confia>

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1 Matematica

2 Template

2.1 Template

```
1 #include <bits/stdc++.h>
2 using namespace std;
3 //alias comp='g++ -std=c++17 -g -O2 -Wall -Wconversion -Wshadow -fsanitize=
    =address,undefined -fno-sanitize-recover -ggdb -o out'
4
5 #define sws std::ios::sync_with_stdio(false); cin.tie(NULL); cout.tie(NULL);
    ); //Melhora o desempenho
6 #define int long long //Melhor linha de codigo ja escrita
7 #define endl "\n" //Evita flush
8 #define loop(i,a,n) for(int i=a; i < n; i++)
9 #define input(x) for (auto &it : x) cin >> it
10 #define pb push_back
11 #define all(x) x.begin(), x.end()
12 #define ff first
13 #define ss second
```

```
14 #define mp make_pair
15 #define TETO(a, b) ((a) + (b-1))/(b)
16 #define dbg(msg, x) cout << msg << " = " << x << endl
17 #define print(x,y) loop(i,0,y){cout << x[i] << " ";} cout << "\n";
18
19 typedef long long ll;
20 typedef long double ld;
21 typedef vector<int> vi;
22 typedef pair<int,int> pii;
23 typedef priority_queue<int, vector<int>, greater<int>> pqi;
24
25 const ll MOD = 1e9+7;
26 const int MAX = 1e4+5;
27 const ll LLINF = 0x3f3f3f3f3f3f3f3f;
28 const double PI = acos(-1);
29
30
31 int32_t main(){ sws;
32
33
34     return 0;
35 }
```