

```
1  #include <bits/stdc++.h>
2
3  using namespace std;
4
5  #define INF 0x3f3f3f3f
6  #define NSYNC ios::sync with stdio(false)
7  #define FOR(i,a,b) for(int i=a; i<(b); ++i)
8  #define FOR0(i,b) for(int i=0; i<(b); ++i)
9  #define DBG(x) cout << #x << " == " << x << endl
10 #define pb(x) push back(x)
11 #define mp(x,y) make pair(x,y)
12 #define sz(a) (int)((a).size())
13 #define all(c) (c).begin(),(c).end()
14 #define R(x) scanf("%d",&(x))
15 #define RR(x,y) scanf("%d %d",&(x), &(y))
16 #define CLR(v) memset(v, 0, sizeof(v))
17 #define SET(v) memset(v, -1, sizeof(v))
18
19 typedef long long ll;
20 typedef pair<int, int> pii;
21 typedef vector<int> vi;
22
23 int main(){
24
25     return 0;
26 }
27
```