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RESUM C3 PRO1
#include <iostream>
#include <vector>
#include <algorithm>
using namespace std;
struct Result {
    string city;
    string district;
    int voters;
    int yes;
    int no;
    int blank;
    int null;
};
void read data(vector<Result>& v) {
    Result r;
    while (cin >> r.city >> r.district >> r.voters >>
                  r.yes >> r.no >> r.blank >> r.null) {
        v.push back(r);
bool compara(const Result &a, const Result &b) {
   return a.district < b.district;</pre>
void compute_and_print ( const vector < Result >& v ) {
    int size = v . size ();
    if ( size == 0) return ;
    // we use a 'Result ' variable to store the city with maximum
    // participation in current district
    Result maxcity;
    // init the maximum with the data from first city
    maxcity = v [0];
    // Check each city ( they are sorted by district , so all
    // cities from the same district are together )
    for (int i = 1; i < size ; ++ i ) {</pre>
        if ( v [ i ]. district == v [i -1]. district ) {
            // the current city district is equal to the previous ,
            // we check if current city it is a better maximum
            if ( participation ( v [ i ]) > participation ( maxcity ))
                maxcity = v [ i ];
        else {
            // the current district is not equal to the previous ,
            // so , we output the maximum of the just finished district
            print district max ( maxcity );
            // ... and we reinitialize the maximum for the
            // newly started district with the counts of first city
            // in this district
            maxcity = v [ i ];
        }
    // calculate and print max city of last district
    print_district_max ( maxcity );
int main() {
    vector<Result> v;
    read data(v);
    sort(v.begin(), v.end(), compara);
    compute and print(v);
typedef vector<vector<int> > Mat;
                                          void escriureMat(const Mat &A) {
 Mat llegirMat(int n, int m) {
                                             for (int i = 0; i < A.size(); ++i)</pre>
    Mat A(n, vector<int>(m));
    for (int i = 0; i < n; ++i) {
                                          {
       for (int j = 0; j < m; ++j) {</pre>
                                                cout << A[i][0];</pre>
          cin >> A[i][j];
                                                for (int j = 1; j < A[i].size();</pre>
                                          ++j) cout << " " << A[i][j];
                                                cout << endl;</pre>
    return A;
```

}

}