#include <iostream>

using namespace std;

const int NFilas = 8; /\* constante con el número de titulaciones \*/

const int NColumnas = 10; /\* constante con el número de años \*/

typedef int Matriz[NFilas][NColumnas];

void Mostrar\_Tabla(Matriz t, int nf, int nc){

int i, j;

for (i = 0; i < nf; i=i+1) {

for (j = 0; j < nc; j=j+1) {

cout << t[i][j] << " ";

}

cout << endl;

}

}

int main() {

Matriz t = {

{12, 20, 16, 18, 21, 22, 18, 11, 12, 15},

{14, 13, 9, 8, 20, 92, 13, 10, 21, 17},

{15, 20, 26, 28, 21, 23, 28, 31, 26, 25},

{22, 25, 36, 38, 41, 49, 58, 61, 62, 75},

{13, 83, 26, 88, 23, 32, 81, 51, 42, 83},

{11, 02, 16, 48, 31, 95, 58, 41, 33, 22}, //Inicializar tabla manualmente

{14, 24, 46, 14, 41, 24, 48, 51, 15, 55},

{15, 50, 66, 78, 11, 92, 8, 13, 22, 25},

};

int sumafila[NFilas];

int nf, nc, i, j;

int max,indicemax;

nf=8;

nc=10;

Mostrar\_Tabla(t,nf,nc);

//Esquema de recorrido de una tabla bidimensional

for (i = 0; i < nf; i=i+1) {

sumafila[i]=0;

for (j = 0; j < nc; j=j+1) {

sumafila[i]= sumafila[i] + t[i][j]; //Va sumando celda a celda cada fila

}

cout<<endl;

}

// Esquema de recorrido tabla unidimensional, calcular el maximo de sumafila

max=sumafila[0];

indicemax=0;

for (i = 1; i < nf; i=i+1){

if (max < sumafila[i]){

max=sumafila[i];

indicemax=i;

}

}

cout<<"La titulacion que mas alumnos han terminado es la "<< indicemax <<" con " << max;

}