#include<iostream>

#include<iomanip>

using namespace std;

void main() {

//int arr[5] = { 1,2,3,4,5 };

//cout << ('A' + 10) << endl;

/\*const int row = 2;

const int col = 3;

int arr[row][col] = { {1,22,3000},

{2,35,2390} };

for (size\_t i = 0; i < row; i++)

{

for (size\_t k = 0; k < col; k++)

{

cout << arr[i][k] << " ";

}cout << endl;

}\*/

/\*const int row = 2;

const int col = 3;

int arr[row][col] = { {11,22,33}

,{44,55,66} };

cout << arr[0][2] << endl;\*/

/\*for (size\_t i = 0; i < row; i++)

{

for (size\_t k = 0; k < col; k++)

{

cout << arr[i][k] << " ";

}cout << endl;

}\*/

/\*const int row = 7;

const int col = 7;

int arr[row][col] = {};

for (size\_t i = 0; i < row; i++)

{

for (size\_t k = 0; k < col; k++)

{

int random = 1 + rand() % (100 - 1);

arr[i][k] = random;

}

}

for (size\_t i = 0; i < row; i++)

{

for (size\_t k = 0; k < col; k++)

{

cout << arr[i][k] << " ";

}cout << endl;

}\*/

//b\*i+k

//cout << arr[0][17] << endl;

//int arr[4][4] = { {1,2,3,4},{11,12,13,14},{-55,10,-55,10},{1,2,0,-55} };

//for (size\_t i = 0; i < 4; i++)

//{

// for (size\_t k = 0; k < 4; k++)

// {

// cout << arr[i][k] << " ";

// }cout << endl;

//}

//cout << endl;

//bool hasFound = false;

//for (size\_t i = 0; i < 4; i++)

//{

// for (size\_t k = 0; k < 4; k++)

// {

// if (arr[i][k] == -55) {

// hasFound = true;

// break;

// }

// cout << arr[i][k] << " ";

// }cout << endl;

// if (hasFound) {

// break;

// }

//}

/\*const int row = 4;

const int col = 4;

int arr[row][col] = {};

int no = 1;

for (size\_t i = 0; i < row; i++)

{

for (size\_t k = 0; k < col; k++)

{

arr[i][k] = no++;

}

}

for (size\_t i = 0; i < row; i++)

{

for (size\_t k = 0; k < col; k++)

{

cout << setw(5)<<arr[i][k] << " ";

}cout << endl;

}

int arr2[row][col / 2] = {};

for (size\_t i = 0; i < row; i++)

{

for (size\_t k = 0; k < col/2; k++)

{

arr2[i][k] = arr[i][k] + arr[i][k + col / 2];

}

}

cout << endl;

for (size\_t i = 0; i < row; i++)

{

for (size\_t k = 0; k < col/2; k++)

{

cout << setw(5) << arr2[i][k] << " ";

}cout << endl;

}\*/

int arr[4][5] = {};

for (size\_t i = 0; i < 4; i++)

{

int random = 1 + rand() % (4 - 1);

arr[i][0] = random;

for (size\_t k = 1; k <=random; k++)

{

arr[i][k] = 1;

}

}

for (size\_t i = 0; i < 4; i++)

{

for (size\_t k = 0; k < 5; k++)

{

cout << arr[i][k] << " ";

} cout << endl;

}

}