#include<iostream>

using namespace std;

void main() {

/\*2 və 200 arasında random rəqəmlərdən ibarət ölçüsü 20 olan

massiv yaradın.Massivdəki bütün sadə rəqəmləri ekrana çıxaran

program yazın.\*/

/\*int arr[20] = {};

int min = 2;

int max = 200;

for (size\_t i = 0; i < 20; i++)

{

int random = min + rand() % (max - min);

arr[i] = random;

}

for (size\_t i = 0; i < 20; i++)

{

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

}cout << endl;

for (size\_t i = 0; i < 20; i++)

{

int counter = 0;

for (size\_t k = 1; k <= arr[i]; k++)

{

if (arr[i] % k == 0) {

++counter;

}

}

if (counter == 2) {

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

}

}\*/

/\*const int size = 11;

int arr[size] = {};

int min = 2;

int max = 200;

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

{

int random = min + rand() % (max - min);

arr[i] = random;

}

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

{

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

}cout << endl;

for (size\_t i = 0; i < size-1; i++)

{

int temp = arr[i];

arr[i] = arr[i + 1];

arr[i + 1] = temp;

++i;

}

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

{

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

}cout << endl;\*/

//1.massive sonuna yeni element artirma

//const int size = 5;

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

//int newarr[size + 1] = {};

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

//{

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

//}cout << endl;

//int newnumber = 0;

//cin >> newnumber;

//

////copy

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

//{

// newarr[i] = arr[i];

//}

//newarr[size] = newnumber;

//for (size\_t i = 0; i < size+1; i++)

//{

// cout << newarr[i] << " ";

//}cout << endl;

//array in evveline yeni element artirin

//1 2 3 4 5 yeni =>777

//777 1 2 3 4 5

// const int size = 5;

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

//int newarr[size + 1] = {};

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

//{

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

//}cout << endl;

//int newnumber = 0;

//cin >> newnumber;

//

//newarr[0] = newnumber;

////copy

//for (size\_t i = 1; i < size+1; i++)

//{

// newarr[i] = arr[i-1];

//}

//for (size\_t i = 0; i < size+1; i++)

//{

// cout << newarr[i] << " ";

//}cout << endl;

//verilen indexdeki elementi silek

/\*const int size = 5;

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

int newarr[size - 1] = {};

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

{

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

}cout << endl;

int index = 0;

cout << "Enter index : ";

cin >> index;

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

{

newarr[i] = arr[i];

}

for (size\_t i = index+1; i < size; i++)

{

newarr[i - 1] = arr[i];

}

for (size\_t i = 0; i < size-1; i++)

{

cout << newarr[i] << " ";

}cout << endl;\*/

//ilk elementi silen program

//son elementi silen

//block element elave etmek

//A B

//1 2 3 4 5 = 11 12 13 14 15

const int size = 5;

int A[size] = { 1,2,3,4,5 };

int B[size] = { 11,22,33,44,55 };

int C[size \* 2] = {};

cout << "A array" << endl;

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

{

cout << A[i] << " ";

}cout << endl;

cout << "B array" << endl;

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

{

cout << B[i] << " ";

}cout << endl;

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

{

C[i] = A[i];

}

for (size\_t i = size,i2=0; i2 < size; i++,i2++)

{

C[i] = B[i2];

}

cout << "C array" << endl;

for (size\_t i = 0; i < size\*2; i++)

{

cout << C[i] << " ";

}cout << endl;

}