#include<iostream>

using namespace std;

void main() {

/\*int i = 1000;

while (true)

{

while (true)

{

i++;

char status = ' ';

cin >> status;

if (status == 'x') {

continue;

}

cout << i << " user connected" << endl;

}

}\*/

//parametric loop

/\*for (int i = 0; i < 10; i++) {

cout << "Hello " << i << endl;

}\*/

/\*

for(initial point ; condition ; increment decrement){

body

}

\*/

//infinitive loop

//for (int i = 0;; i++)

//{

// cout << i << endl;

//}

//for (size\_t i = 0; i < 10; i++)

// cout << i << endl;

// cout << "Salam" << endl;

//int number = 0;

//cout << "number : ";

//cin >> number;

//int sum = 0;

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

//{

// sum += i;

//}

//cout << "Sum : " << sum << endl;

/\*user 2 eded daxil edir

eded ve onun ustu\*/

//int number = 0;

//cout << "Enter number : ";

//cin >> number;

//int power = 0;

//cout << "Enter power" << endl;

//cin >> power;

//int product = 1;

//for (int i = 0; i < power; i++)

//{

// product \*= number;

//}

//cout << "Result : " << product << endl;

//task 2 user say daxil edir ve hemen say qeder

//kesr eded yazir hemen kesrlerin yalniz kesr

//hissesini toplayin

//int count = 0;

//cout << "enter count : " << endl;

//cin >> count;

//float sum = 0;

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

//{

// float number = 0;

// cout << "enter number : " << i + 1 << endl;

// cin >> number;

// sum += (number - (int)number);

//}

//cout << "Sum : " << sum << endl;

//int stars = 0;

//cin >> stars;

//for (int i = 0; i < stars; i++)

//{

// for (int k = 0; k < stars; k++)

// {

// if (i == 0 || k == 0 || i == stars - 1 || k==stars-1

// || i==k || (i+k)==stars-1) {

// cout << "\* ";

// }

// else {

// cout << " ";

// }

// }

// cout << endl;

//}

//cout << endl;

/\* int stars = 0;

cin >> stars;

for (int i = 0; i < stars; i++)

{

for (int k = 0; k < stars; k++)

{

if ( i==(stars-1)/2 || k==(stars-1)/2) {

cout << "\* ";

}

else {

cout << " ";

}

}

cout << endl;

}

cout << endl;\*/

/\*for (size\_t i = 1; i <= 100; i++)

{

int counter = 0;

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

{

if (i % k == 0) {

++counter;

}

}

if (counter == 2) {

cout << i << endl;

}

}\*/

//int a = 0;

//cin >> a;

//for (int i = 1; i <= a; i++)

//{

// int div = 0;

// int sum = 0;

// for (int j = 1; j < i; j++)

// {

// div = i % j;

// if (div == 0) {

// sum += j;

// }

// }

// if (sum == i) {

// cout << i<<endl;

// }

//}

//

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

//{

//

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

// {

// if (i % 2 == 0) {

// cout << "1 ";

// }

// else {

// cout << "0 ";

// }

// }

// cout << endl;

//}

//

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

//{

//

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

// {

// if (k % 2 == 0) {

// cout << "1 ";

// }

// else {

// cout << "0 ";

// }

// }

// cout << endl;

//}

//

for (size\_t i = 1; i < 10; i++)

{

for (size\_t k = 1; k < 10; k++)

{

cout << (10 \* i) + k << " ";

}

cout << endl;

}

}