#include <iostream>

#include <cmath>

#include <algorithm>

using namespace std;

int main()

{

const int size = 10;

int arr[size];

for (int j = 0; j < size; ++j)

arr[j] = 1;

for (int n = 2; n <= sqrt(size); ++n)

{

for (int k = 2; k < size; ++k)

{

if (k%n == 0)

arr[k] = 0;

}

}

for (int i = 2; i < size; ++i)

{

if (arr[size])

cout << size << ' ';

}

system("pause");

return 0;

}