#include <iostream>

using namespace hstd;

int main() {

cout << "Prime numbers from 1 to 50 are:" << endl;

for (int num = 2; num <= 50; num++) {

bool isPrime = true;

for (int i = 2; i <= num / 2; i++) {

if (num % i == 0) {

isPrime = false;

break;

}

}

if (isPrime) {

cout << num << " ";

}

}

cout << endl;

return 0;

}