//C++ program to check for prime number

#include<iostream>

using namespace std;

int main()

{

int num, i, j = 0;

cout << "Enter number: ";

cin >> num;

//check for prime number

for (i = 1; i <= num; i++)

{

if ((num % i) == 0)

{

j++;

}

}

if (j == 2)

cout << "\n" << num << " is a prime number.\n";

else

cout << num << " is not a prime number.\n";

return 0;

}