// Example program

#include <iostream>

#include <string>

using namespace std;

bool isPrime(int number);

int main()

{

int number;

cout << "Prime number: ";

cin >> number;

cin.ignore(1000,10);

if (isPrime(number))

{

cout << number << " is prime" << endl;

}

else

{

cout << number << " is NOT prime" << endl;

}

return 0;

}

bool isPrime(int number)

{

for(int i = number - 1; i > 1; i--)

{

if(number%i==0)

return false;

}

if(number != 1)

{

return true;

}

else

{

return false;

}

}