#include<stdio.h>

#include<conio.h>

void CheckPrime(int num)

{

int i, divisibleBy = 0;

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

{

if (num%i == 0)

{

divisibleBy++;

}

}

if (divisibleBy == 0)

{

printf("The number is prime \n");

}

else

{

printf("The number is not prime \n");

printf("It is divisble by %d numbers", divisibleBy);

}

}

void main()

{

clrscr();

int number;

printf("Enter the number \n");

scanf("%d", &number);

CheckPrime(number);

getch();

}