/\* program 16 CHIRAG\*/

#include<iostream.h>

#include<conio.h>

void main()

{

int n,f=0;

clrscr();

cout<<" enter n";

cin>>n;

if(n==2||n==3)

f=1;

if(n>3)

{ f=1;

for( int i=2;i<=n/2;i++)

{

if(n%i==0)

f=0;

}

}

if(f==1)

cout<<" the number is prime";

else

cout<<" the number is not prime";

getch();

}

OUTPUT: 