#include<stdio.h>

main()

{

int a,b,i,j;

int p=1;

printf("Enter the two limits smaller and then larger (a and b ,where a<b)");

scanf("%d%d",&a,&b);

for(i=a;i<=b;i++)

{ p=1;

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

if(i%j==0)

p=0;

if(p==1)

{

if(i==1)

printf("1 is neither prime nor composite");

else

printf("\n%d\n",i);

}

}

getch();

}

***OUTPUT***

Enter the two limits smaller and then larger (a and b ,where a<b)

1

20

1 is neither prime nor composite

2

3

5

7

11

13

17

19