#include<iostream.h>

#include<conio.h>

void HCF(int a,int b)

{

while(a!=b)

{

if(a>b)

a=a-b;

else

b=b-a;

}

cout<<"\n HCF= "<<a;

}

void LCM(int a,int b)

{

int c,d,e;

c=a\*b;

d=HCF(a,b);

e=c/d;

cout<<"\n LCM= "<<e;

}

void main()

{

clrscr();

int a,b,choice;

void HCF(int,int);

void LCM(int,int);

cout<<"\n Enter the First number: ";

cin>>a;

cout<<"\n Enter the Second number: ";

cin>>b;

cout<<"\n Press 1 to find the HCF.";

cout<<"\n Press 2 to find the LCM.";

cout<<"\n Enter your choice: ";

cin>>choice;

switch(choice)

{

case 1:clrscr();

HCF(a,b);

break;

case 2:clrscr();

LCM(a,b);

break;

default:cout<<"\n Entered WRONG choice.";

break;

}

getch();

}