RELATIVE PRIME:

When the gcd of two integers is 1 then it is called relative prime.

For example gcd(17,22)=1.

Otherwise not relative prime.

Source code:

#include<bits/stdc++.h>

using namespace std;

int main()

{

int x,y ,t,a,b,gcd,lcm;

printf("enter two integers:\n");

while(scanf("%d %d",&x,&y)){

a=x;b=y;

t=0,gcd=0;

while(b!=0){

t=b;

b=a%b;

a=t;

}

gcd=a;

printf("greatest common divisor of %d and %d=%d\n",x,y,gcd);

if(gcd==1)

printf("relative prime\n");

else

printf("not relative prime\n");

}

return 0;

}

OUTPUT:

