

/*REC_GCD*/

```
#include<iostream.h>
#include<conio.h>
int recgcd(int,int);
void main()
{
    int a,b,gcd;
    clrscr();
    cout<<"Enter the number";
    cin>>a>>b;
    gcd=recgcd(a,b);
    cout<<"G.C.D. of "<<a<<" and "<<b<<" is= "<<gcd;
    getch();
}

int recgcd(int x,int y)
{
    int r;
    if(y==0)
    {
        return(x);
    }
    else
    {
        r=x%y;
        return(recgcd(y,r));
    }
}
```