Euclidean algorithms ( GCD)

//GCD of two numbers is the largest number that divides both of them

//code

int gcd(int a , int b)

{

if(b==0 )

{

return a ;

}

return gcd(b,a%b) ;

}

// lcm(a, b), is the smallest positive integer

// that is divisible by both a and b

int lcm(int a, int b)

{

return (a/gcd(a,b) \* b ) ;

}