1. **Swapping of two numbers using bitwise operators.**

public class Main

{

public static void main(String[] args)

{

int a=25;

int b=35;

System.out.println("Before Swapping");

System.out.println("a="+a+ "b="+b);

a=a^b;

b=a^b;

a=a^b;

System.out.println("After Swapping:");

System.out.println("a="+a+ "b="+b);

}

}

Output:

Before Swapping:

a=25 b=35

After Swapping:

a=35 b=25

1. **GCD & LCM of two numbers.**

public class Main

{

public static void main(String[] args)

{

int n1=50,n2=20,i=1;

int gcd=1;

for(i=1;i<=n1 && i<=n2;i++){

if(n1%i==0 && n2%i==0){

gcd=i;

}

}

System.out.println(gcd);

}

}

Output:

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**3.**