```java
class gcd
{
    public static void main(String...args)
    {
        int n=4,m=6,i,hcf=0;
        for(i=n;i>=1;i--)

        {
            if(n%i==0 && m%i==0 )
            {
                hcf =i;
                break;
            }

        }
        System.out.println("gcd of 3 no."+hcf);
    }
}
```