

Algorithm-1.1-Binary-Euclidean-algorithm-page-14

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```
def Binary_Euclidean(a,b):  
    g=1;  
    while (a%2==0)and(b%2==0):  
        a=a//2  
        b=b//2  
        g=2*g  
    while (a!=0):  
        while(a%2==0):  
            a=a//2  
        while(b%2==0):  
            b=b//2  
        if (a>=b): a=(a-b)  
        else: b=(b-a);  
    return(g*b)
```

Binary_Euclidean(2685,6167)

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