

```
1/*AIM: Write an object oriented program in java that uses Euclid's algorithm to display
   Greatest
8package pkg3;
9class GCDOne{
10    int number1,number2,gcd;
11    {
12        this.number1=50;
13        this.number2=20;
14    }
15    void GCDmethod() {
16        int a=number1;
17        int b=number2;
18        while(b!=0) {
19            int temp=b;
20            b=a%b;
21            a=temp;
22        }
23        gcd=a;
24    }
25    public void display() {
26        System.out.println("THE GCD OF "+number1+" AND "+number2+" is:"+gcd);
27    }
28}
29public class Exp_4_pl_4 {
30    public static void main(String[] args) {
31        System.out.println("~A PROJECT BY KASHISH GUPTA");
32        GCDOne obj=new GCDOne();
33        obj.GCDmethod();
34        obj.display();
35    }
36}
37
```