

```
01: int gcd(int a, int b) {  
02:     while(b != 0) {  
03:         int t = b;  
04:         b = a % t;  
05:         a = t;  
06:     }  
07:     return a;  
08: }  
09:  
10: int inc(int a) {  
11:     return a++;  
12: }
```

version N+1