```
1: procedure PROC(a, b)
2:     return 7
3: end procedure
```

Algorithm 1 Euclid's algorithm

```
1: procedure EUCLID(a, b)                      ▷ The g.c.d. of a and b
2:     r ← a mod b
3:     while r ≠ 0 do                           ▷ We have the answer if r is 0
4:         a ← b
5:         b ← r
6:         r ← a mod b
7:     end while
8:     return b                                 ▷ The gcd is b
9: end procedure
```