Typesetting `algorithmic code` in LaTeX

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:     for <condition> do
9:         <do something>
10:    end for
11:    return b                                    ▷ The gcd is b
12: end procedure
```