## A Two Process Clock

```
--algorithm Clock {
                                             --algorithm | Clock | {
                                             ||variable||b|| \sin \{0, 1\}|;
variable b \in \{\};
                                             process (Tick = "tick")
process (Tick = "tick")
                                             { i: while (TRUE) \{ await b = 0 ; \}
                                             ____b_:=_1;
                    h \cdot = 1
                                             الالالالالالالا
                                             ⊔⊔process (Tock = "tick")
\mathbf{process} (Tock = "tock")
                                             \sqcup \sqcup \sqcup \sqcup \sqcup \{\sqcup o : \sqcup while \sqcup (TRUE) \sqcup \{\sqcup await, \sqcup b \sqcup = \sqcup 1;
  { o: while (TRUE) { await b = 1 ;
                                             ____b_:=__0;
                    b := 0
```