

Answer

```
--algorithm UniprocessTickTock {  
    variable  $b = 0$ ;  
    { while ( TRUE )  
        { either { await  $b = 0$ ;  
                     $b := 1$   
                }  
          or    { await  $b = 1$ ;  
                     $b := 0$   
                }  
        }  
    }  
}
```