

```
"wait 0 pin 3",  
  
".wrap_target",  
  
"set pins 0 [1]",  
  
"loop1:",  
  
"out x 1",  
  
"jmp x-- loop1",  
  
"set pins, 1 [1]",  
  
"loop2:",  
  
"out y 1",  
  
"jmp y-- loop2",  
  
".wrap",
```