```
800017c4 <console_out>:

800017c4:    1141         addi     sp,sp,-16
800017c6:    c422         sw       s0,8(sp)
800017c8:    c226         sw       s1,4(sp)
800017ca:    c04a         sw       s2,0(sp)
800017cc:    800034b7     lui      s1,0x80003
800017d0:    c606         sw       ra,12(sp)
800017d2:    47a9         li       a5,10
800017d4:    842a         mv       s0,a0
800017d6:    8c048913     addi     s2,s1,-1856
800017da:    00f51963     bne      a0,a5,800017ec

800017de:    00892783     lw       a5,8(s2)
800017e2:    45b5         li       a1,13
800017e4:    8c048513     addi     a0,s1,-1856
800017e8:    43dc         lw       a5,4(a5)
800017ea:    9782         jalr     a5

800017ec:    00892783     lw       a5,8(s2)
800017f0:    8c048513     addi     a0,s1,-1856
800017f4:    0ff47593     zext.b   a1,s0
800017f8:    43dc         lw       a5,4(a5)
800017fa:    9782         jalr     a5

800017fc:    40b2         lw       ra,12(sp)
800017fe:    8522         mv       a0,s0
80001800:    4422         lw       s0,8(sp)
80001802:    4492         lw       s1,4(sp)
80001804:    4902         lw       s2,0(sp)
80001806:    0141         addi     sp,sp,16
80001808:    8082         ret
```