

## 2.1

Lab !"#  
 % bootloader & (0,0,1) scheduler & (0,0,2) ' Hello & (0,0,6)  
 scheduler ()\*+,-. simple shell

## 2.2

Bootloader /\$ O1 2 bootloader 345 678 scheduler 934  
 #;<=>?@4AB CB sector \$DE\*+ FG 9 H2  
 IJK bootloader scheduler ,& sector 2LM\$ (0,0,1)N (0,0,2) Hello1  
 N Hello2 \$& (0,0,6)N (0,0,8)

# OP\$ scheduler % application CB5 78 Hello1  
 Hello1 348 Yield.1 6Q%RS scheduler 7TS34.UV push 8 stack  
 W RS scheduler XO> retf ST8-Y UV

' yield 345 scheduler ZR[\] ds, ss...^ \_1 6Q  
 push ax, bx, cx... 'a b \$%b1 process \_ push 8@c  
 stack W \_def5 (gT scheduler hi jk .5 (scheduler f  
 @c l5 )% state m)n application hi5 % ax, bx, cx...^ register op  
 qr stack W pop TS st uv application \$w) 34

stxy \$OP z,; 'a{ | } O~ hi  
 8 \$ Hello1, Hello2, \$ scheduler hi L } 6  
 \_ m

## Bonus

Bonus \$r 2.2 m S st \*+ r #5S{  
 ms Bonus ,O 2.2 W; \$ Bonus W\$ x  
 \$; pid 2.2 # hello1 or hello2 yield .1 6%@c  
 pid push 8 stack t Bonus W #\$ 34.1 6r scheduler  
 @c j¢£/Wde^ 34 process id \$ ¥ ,O bonus W  
 s /Pf\$mq')"« process ◇fiQfl°@C pid \$ ¥  
 n- \$ Bonus †a ‡· \$9 hook int 1c Wv % interrupt vector  
 table Wµκ m¶78@c Pf\$ # •, „\$ "»...%o¾

