

A good piece of bootstrap code would SEI before doing anything else – don't assume that interrupts are masked by default.

Maintain separate pointers to different stacks for each process

\_\_\_\_\_ ← SP at start of ISR; PC = start of ISR  
CCR  
B  
A  
X<sub>H</sub>  
X<sub>L</sub>  
Y<sub>H</sub>  
Y<sub>L</sub>  
PC<sub>H</sub>  
PC<sub>L</sub>

When initializing the PCB, must set up image for each stack pointer

“Load into x the number that corresponds to this label”

Example: P0 init:

```
LDS  #0xDFFF
LDX  #P0
PSHX
LDX  #0x0000
PSHX
PSHX
PSHX
LDAA #0x00
PSHA
```

What should the current process number be?