

CS 326-02 Lab Project 04 Help

✓ $Kpages()$ - $Kalloc$ freelist

✓ $udirs()$ / $Kdirs()$ - $vm.c: freevalK()$

$smem()$ -

①

$smem()$ system call
 $proc.c: growproc()$
 $vm.c: uvmalloc()$ } $sbk(1)$

②

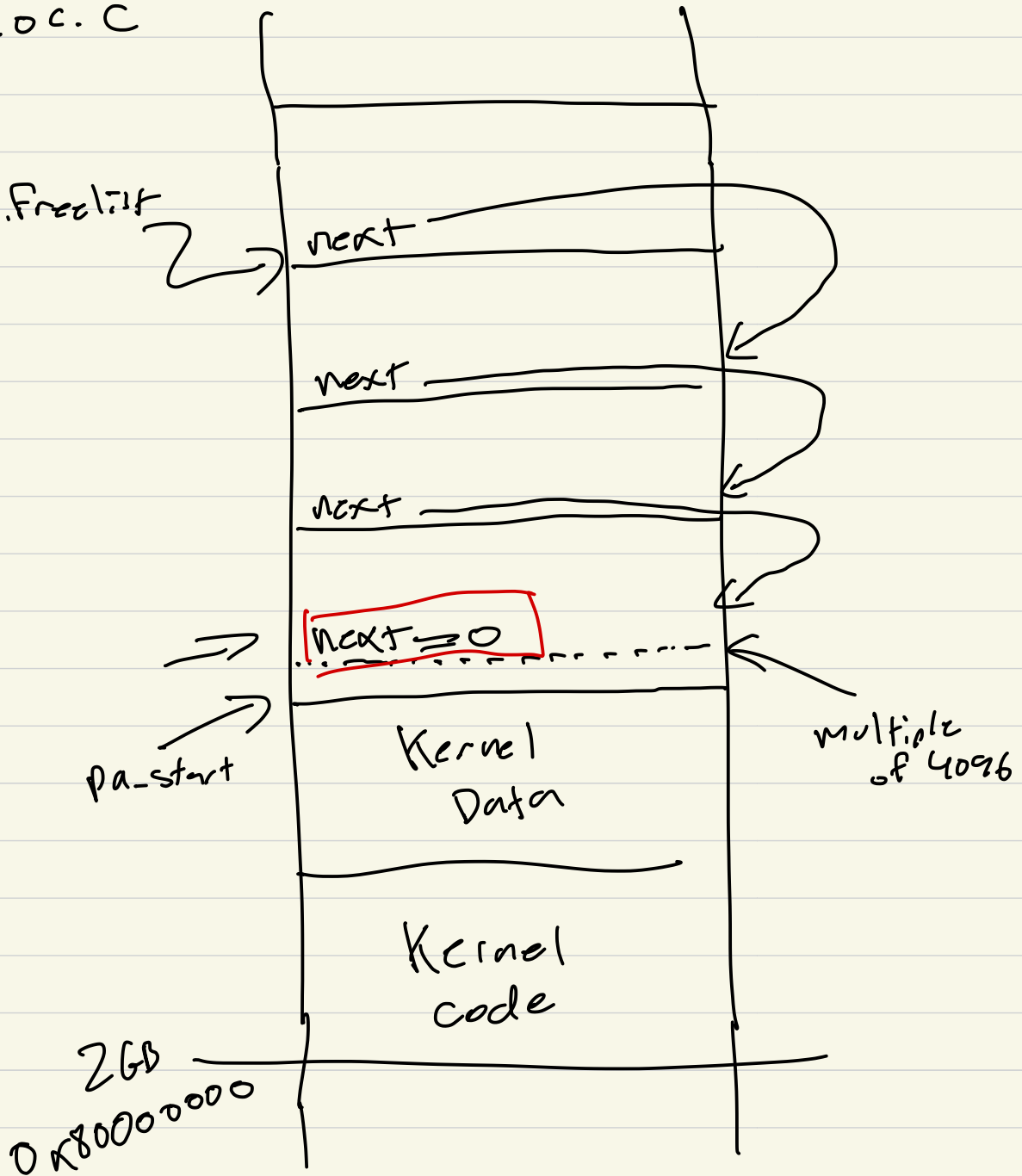
$Fork()$ inherit the shared
memory region
 $vm.c: uvmemcpy()$

③

$Freeproc()$
 $vm.c: UVmunmap()$

Kalloc.c

kmem.FreeList



udirs() / kdirs()

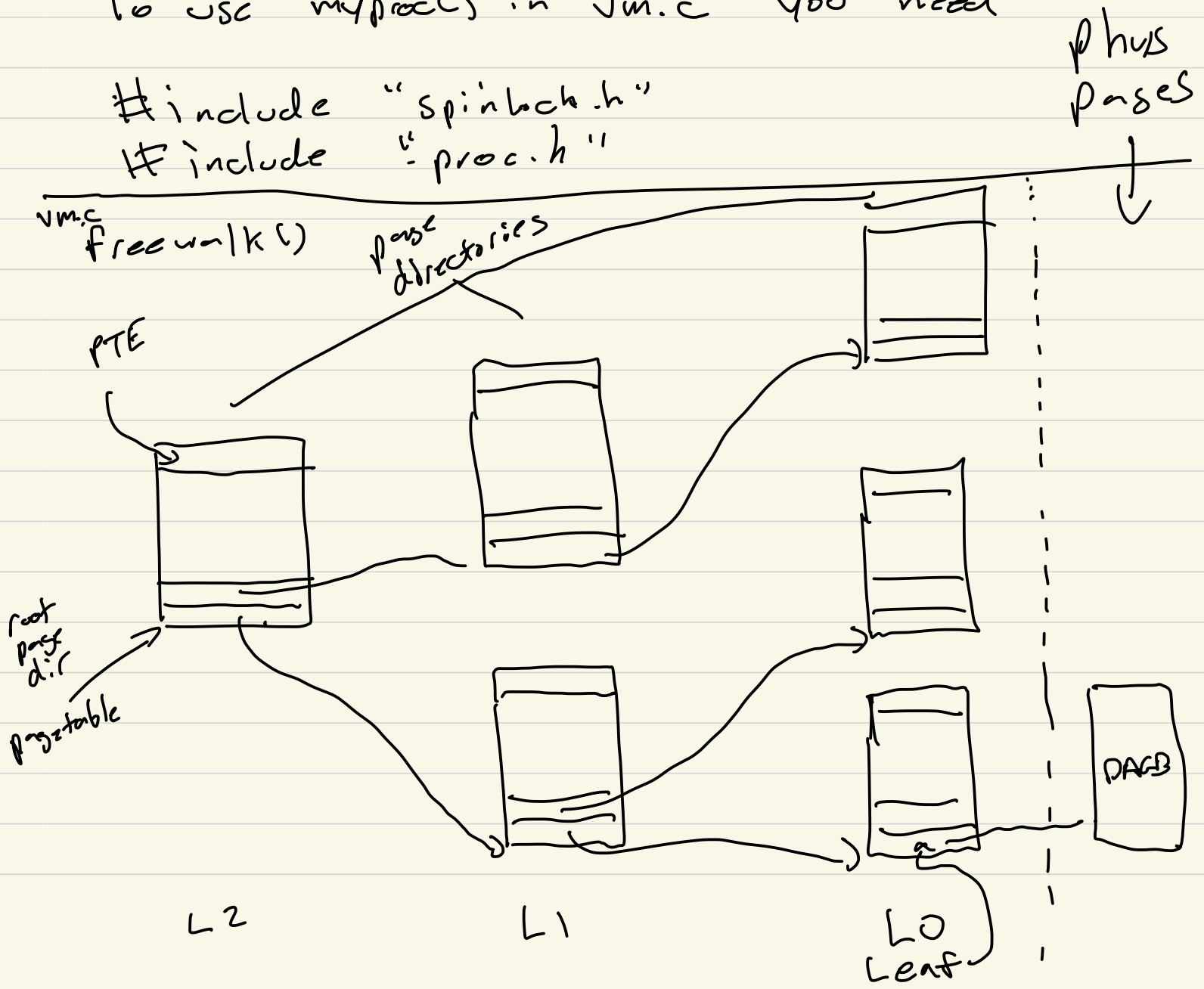
Counting the number of allocated
page directories for a pagetable.

udirs() → myproc() → pagetable

kdirs() → kernel pagetable

To use myproc() in vm.c you need

#include "spinlock.h"
#include "proc.h"



Smem()

strk() → growprc() → uvmmalloc()

fork()

