

Modifications made per file.

- defs.h
 - o Added definition for mprotect and munprotect in vm.c
- user.h
 - o Added support for mprotect and munprotect system calls
- usys.S
 - o Added support for mprotect and munprotect system calls
- syscall.c
 - o Added support for mprotect and munprotect system calls
- syscall.h
 - o Added support for mprotect and munprotect system calls
- sysproc.c
 - o Added code for mprotect and munprotect that calls the functions in vm.c
- exec.c
 - o Changed sz declaration from 0 to PGSIZE so the first address would not be at 0
- vm.c
 - o Changed forloop in copyuvm so that fork() will copy the correct page directory
 - o Added code for mprotect and munprotect which both use PGROUNDDOWN to get the page addresses and sets a pte_t variable to walkpgdir(). mprotect then sets the pte_t to &= ~PTE_W to remove write permissions while munprotect sets the pte_t to |= PTE_W to restore write permissions
- lab2test.c
 - o New program that protects and then unprotects an address, modifies it, then protects it again and tries a second modification, resulting in a trap 14 error (page fault).
- nullerr.c
 - o New program that dereferences a variable which results in a trap 14 error (page fault),
- Makefile
 - o Changed \$(LD) \$(LDFLAGS) -N -e main -Ttext 0 -o \$@ \$^ to \$(LD) \$(LDFLAGS) -N -e main -Ttext 0x1000 -o \$@ \$^
 - o Added support for lab2test and nullerr programs.