**Homework #2 Xv6**

Course

**CSE 460 Operating Systems**

Instructor

**Dr. Yan Zhang**

Meeting Time

**Mon. & Wed., 4:00 p.m. - 5:15 p.m.**

Due Date

**March 6, 2020**

Authors

**Kevin T. Vo**

**Esdras Lopez**

**Joseph Gonzales**

**Trevor Shortlidge**

**Brian Ayala**

# Group Members’ Information

|  |  |  |
| --- | --- | --- |
| **Name** | **Coyote ID** | **Responsibility** |
| Kevin T. Vo | 006316930 | * Implemented date system call & command (Part a) into xv6 * Helped implemented file protection (Part e) * Contributed to this report/documentation |
| Esdras Lopez | 006198864 | * Implemented uid, gid, ppid (Part c) * Contributed to this report/documentation |
| Joseph Gonzales | 006242648 | * Implemented ps command and Ctrl+P (Part d) * Contributed to this report/documentation |
| Trevor Shortlidge | 006310209 | * Implementing file protection (Part e) * Contributed to this report/documentation |
| Brian Ayala | 006191688 | * Implemented Ctrl+P (Part b) * Contributed to this report/documentation |

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Demonstration of the Ctrl-P Special Control Sequence……………………………………

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Demonstration of the File System Protection Features……………………..

# Demonstration of the date() System Call

The system call “date” has been implemented to the Xv6 operating system where it would display the current day, month, year, hour, minute, and second in the format below:

*DAY/MONTH/YEAR HOUR:MINUTE:SECOND*

During the addition of this system call the following files have been created/modified:

|  |  |  |  |
| --- | --- | --- | --- |
| **Filename** | **Created**  **/ Modified** | **Line Numbers** | **Image** |
| syscall.h | Modified |  |  |
| user.h | Modified |  |  |
| sysproc.c | Modified |  |  |
| usys.S | Modified |  |  |
| syscall.c | Modified |  |  |
| date.c | Created | 1-18 |  |

### Result from Execution of date() System Call:

