

# OPERATING SYSTEMS LAB

XV6

Set#2

## Internal Examination

### **Question** (System call tracing)

You have to modify the behaviour of xv6 operating system so that it displays the name and number of system calls as they are invoked during the bootup of operating system. The information should be displayed in a proper format (syscall number, syscall name, process ID) so that a user can visualize properly which system call was invoked by which one.

Hint: For this purpose you will have to look into the *syscall.c* file and make appropriate changes. You are free to declare any additional data structures as you seem necessary.

**Submission:** You have to make a report in txt format. The report should contain:

1. The steps to reach the objective(s).
2. The main source code (copy and paste)
3. Screen shots of output(s).