BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE, PILANI,
K. K. BIRLA GOA CAMPUS, GOA
SECOND SEMESTER 2014-2015
Data Storage Technologies and Networks (CS F446)
Assignment 3
Deadline: 08:00 Hrs, 25th April 2015.

Instructions
1. **This is a group assignment with 4 people in a group [Group information is already up]**
2. **The question is common for all the groups. The group has to demonstrate all the implementations**

Question #1 [5 Marks]

Recompile a 64 bit Linux Kernel without any modifications and boot in to the new kernel.
Note: Submit a Readme file specifying all the steps you followed to finish the task.

Question #2 [15 Marks]

Write a device driver to read the mouse events (left click and right click) and adjust the brightness of the screen. If a user presses left mouse button, then the brightness of the screen should decrease and if user presses right mouse button, then the brightness of the screen should increase.

Note: See the Reading material to know more about device driver implementation. Submit the code with Readme file.