1. Using UML (User Mode Linux), write and execute programs which show what happens to the the various *uid and *gid values in the Linux kernel when:
   - Executing a program with the set?id bit.
   - Performing the various set*uid system calls as an ordinary user and as root.
   - Show how to “ping-pong” back and forth between two uids as an ordinary user.

2. Using UML, write a program which show how the following capabilities can be used to override ordinary user restrictions.
   - CAP_CHOWN
   - CAP_DAC_OVERRIDE
   - CAP_DAC_READ_SEARCH

3. From the IEEExplorer site get the POSIX standard and find out what are the POSIX rules for *uid that the process runs under.