

College of Engineering, Pune
Dept of Computer Engineering and Information Technology
Year (Final B.Tech)
Advanced Unix Programming (AUP)
Lab 5

Write a program to implement the following:

- 1. A child process inherits real user id, real group id, effective user id and effective group id of the parent process, while process id and parent process id are not. Demonstrate.**
- 2. Verify whether it is possible for a child process to handle a file opened by its parent Immediately after the fork() call?**
- 3. The parent starts as many child processes as to the value of its integer command line argument. The child processes simply sleep for the time specified by the argument, then exit. After starting all the children, the parent process must wait until they have all terminated before terminating itself.**