

IS F462 Network Programming

I semester 2014-15

Lab7 Exercise

Write C program *managedServer.c* that does the following.

1. This program takes filename on the command line.
2. This program creates 4 children. It opens the filename and passes its fd to all children using ancillary data and unix domain sockets. Through normal data, it sends the range of bytes in the file that child should process and display.
3. Each child reads a character from file in the range specified by parent and it converts it into uppercase. It prints its pid and the converted char on the screen. `printf("%d : %c\n", getpid(), c);`

Expected files: file.txt, managedServer.c

Submit `fullidno_lab7.zip` file latest by 9 AM on 12th Nov through isf462@gmail.com with the subject: NP141-lab7-exercise