

CS 307 REPORT

Nofil Iqbal 28631

I have chosen the “touch” command for my Assignment, as it is an important command we need everytime we want to create a new file. Furthermore, I chose the “-a” for no particular reason whatsoever other than the fact that it was the first instruction in the manual page.

As for the process hierarchy, first I create the file descriptor so i can use the read and write functions across processes, and piped it. After that i create my first child process and used dup2 to connect the process to the pipe and executed the first “man touch” command. Then i started the second child process and used dup2 to connect this process to the pipe aswell. Then i created a newfile while i put the output of the final process and then closed the file descriptor.