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CS 283 002

Question 10.6

We will have first stdin(0), stdout(1) and stderr(2) for the unix processes. Fd1 will be 3 and fd4 will be 4. When we close fd2, the dresriptor 4 is freed and ready to be used. When we open the file,

Fd2 will be 4 again

Question 10.8

void statecheck(int fd)

{

struct stat filestat;

char \*type, \*readok;

fstat(fd, &filestat);

if (S\_ISREG(filestat.st\_mode)) /\* Determine file type \*/

type = "regular";

else if (S\_ISDIR(filestat.st\_mode))

type = "directory";

else

type = "other";

if ((filestat.st\_mode & S\_IRUSR)) /\* Check read access \*/

readok = "yes";

else

readok = "no";

printf("type: %s, read: %s\n", type, readok);

}

Question