OS HW 9.

Mahiem Agrawal

1) we are basically creating a daemon like process which is catloop.c which is reading from foo.

while it is running we ~~Great~~ add in content in foo and catloop.c outputs all of that into the terminal.

a) If you append it now it will start printing in "Hello world" in the screen.

If you truncate it nothing will be printed as everything is removed.

c) The advantage of such kind of thing would be when ~~going through a large file one program~~ two process need one large file they both can work given that they dont care any harm to the other's functonility.

The disadvantage is if someother user writes in it while the other program is reading undesired output might come.

d) Even when you remove all permission the previous catloop can still be executing

e) Even if you remove the program will still be running

A possible implication would be if we wanted to do such a change we need to make sure we close all processes which are using that file then only remove their instruction or itself. This can be ~~very~~ very dangerous.

Problem 6.2

a) Owner has read write exucte.
file group has read write
everybody else can just read.

b) ~~B)~~ Owner has read, write, excute
File group can write and execute
Everybody else ~~have~~ cannot do anything

c) No he cannot read the content in bar.

Yes he can create a file in bar.

d) Initially whon creating a file thes are siven the 666 permission.

Now with a mask 022 the permission chanes and is now 644. so ~~with~~ what do the numbes mean.

6 ~~U~~User can now read and write (6)
User group can now only write
Others can now only write.

e). With the s in the ~~owner~~ user the user private the program will now only execote with the privollge of the filor owner which will bee root in our case.