

University of Texas at Dallas--Computer Science Program

CS 5348 Operating Systems Concepts Fall 2020

Project 2-Part 2

You need to implement the following commands: Keep in mind that all files are small files. No large files at all for this project.

(a) rm v6-file

Delete the file v6_file from the v6 file system.

Remove all the data blocks of the file, free the i-node and remove the directory entry.

(b) mkdir v6dir

create the v6dir. It should have two entries . and ..

(c) cd v6dir

change working directory of the v6 file system to the v6dir

(d) q

Save all changes and quit. Keep in mind that all file names starting with / are absolute path names and those not starting with / are relative to current working directory.

Keep in mind that cpin and cpout must be changed so that they allow file names to be long path names (such as /user/Venky/myfile) with directories allowed in the file name.

For example the following sequence,

```
mkdir /user
```

```
mkdir /user/Venky
```

```
cd /user/Venky
```

```
cpin myfile-in-unix f1
```

is possible where f1 is created in the directory /user/Venky of the v6 file system

Due date: November 21, 2020 11:55 pm.